

[illegible]

Attn: Mr. Gene Nodine

REC'D. MDO OCT 24 1983

Encl:

SUPERVISOR, OIL AND GAS OPERATIONS:

DESIGNATION OF OPERATOR

The undersigned is, on the records of the Bureau of Land Management, holder of oil and gas lease

DISTRICT LAND OFFICE: Salt Lake City, Utah
SERIAL No.: U-011246

and hereby designates

NAME: Mountain Resource Corporation
ADDRESS: P.O. Box 27444
Salt Lake City, Utah 84127

as his operator and agent, with full authority to act in his behalf in complying with the terms of the lease and regulations applicable thereto and on whom the supervisor or his representative may serve written or oral instructions in securing compliance with the Oil and Gas Operating Regulations with respect to (describe acreage to which this designation is applicable):

Township 21 South, Range 7 East
Section 3: S $\frac{1}{2}$ NW $\frac{1}{4}$, SW $\frac{1}{4}$

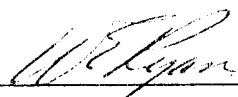
Emery County, Utah

It is understood that this designation of operator does not relieve the lessee of responsibility for compliance with the terms of the lease and the Oil and Gas Operating Regulations. It is also understood that this designation of operator does not constitute an assignment of any interest in the lease.

In case of default on the part of the designated operator, the lessee will make full and prompt compliance with all regulations, lease terms, or orders of the Secretary of the Interior or his representative.

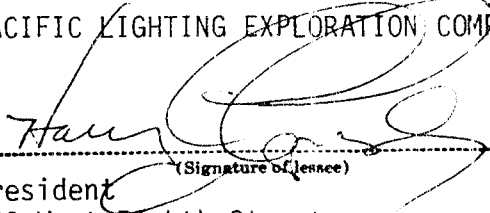
The lessee agrees promptly to notify the oil and gas supervisor of any change in the designated operator.

ATTEST:


Assistant Secretary

October 20, 1983
(Date)

PACIFIC LIGHTING EXPLORATION COMPANY


(Signature of lessee)
President
720 West Eighth Street
Los Angeles, CA 90017

(Address)

OPERATIONS AND SURFACE USE PLAN

1. WELL LOCATION AND EXISTING ROADS The attached plat (figure 1) shows the location of the proposed well site. Figure 2 shows the access route from State Highway 10 to the well site. The well site is approximately 4 1/2 miles south of Ferron, Utah along State Highway 10. The well location will be on private lands.
2. PLANNED ACCESS ROAD: As indicated in the above statement, the access road will originate off an existing BLM and private surface road. Access is planned using an existing road off of highway 10 east acrossed the Southern half of section 4 to the west half of Section 3, 1000 feet of access road will then be used on surface owned by the Railroad to reach the proposed well site. The access road will originate on Mancos Shale and will not be graded (except for washes if required) during the drilling of this well all water bars and turn outs will be flagged by BLM personal. If the well is productive, the road will be contoured, sloped and ditched (if required). If in the event a dry hole water bars will be made and the road and surface restored to, 'as closely as possible, original conditions.
3. LOCATION OF EXISTING WELLS Figure two (2) indicates wells in the immediate area that are productive. There are no other known wells, either productive, abandon or dry near this location other than those shown on the attached drawing.
4. LOCATION OF PRODUCTION EQUIPMENT A diagram of production equipment is attached (figure 5) indicating production equipment for a gas well. All line will be coated and wrapped and buried. The land usage for this equipment will be held to an absolute minimum. After operations cease, and provided surface disturbances have occurred the surface will be leveled and sloped to pre-existing conditions. Recommendations for reseeding as given by the B.L.M. will be followed on any disturbances occuring on government lands.
5. WATER SUPPLY: It is anticipated that water usage will be extremely minimal. The water so used will be obtained from a private source (pond) 1 mile east and south. There are no present plans for using salt water except for a 3 to 6% KCL solution that will be used during completion operations.
6. ROAD MATERIAL: It is not expected that road material will be required. Existing roads presently in place will be used

to a minimum. On government lands, if required, the top six (6) inches of soil material will be removed and stockpiled for use in restoration (loose weathered shale). Redistribution of this material will occur following cessation of completion operations. Reuse of this weathered material shall be done as requested by the jurisdictional B.L.M. office.

7. WATER DISPOSAL A small reserve pit (12 x 20) will be used as a blooie line collection pit as well as a storage pit for the small amount of water used in drilling to be located near the rig.

8. CAMP FACILITIES AND AIRSTRIP: The entire drill site will be located on private lands. No additional ground or facilities will be used for camp facilities. Toilet facilities will be provided at the drillsite. There are no plans for an airstrip. For emergency facilities the Carbon County or the Huntington airport, will be used.

9. WELL SITE LAYOUT: The plan for the layout of the drilling equipment is indicated in figure 3. There may be slight additions and/or deletions that may occur if the drilling contractor decides to add or delete from his present facilities. As this location is relatively flat, a minimum amount of cut and/or fill will be needed. As previously noted, two diagrams indicating the production layout are attached.

10. RESTORATION: After drilling operations have been concluded and equipment removed, the well site area will be cleaned, leveled, and restored to normal. The pits will be covered and all trash will be removed. Reseeding on any disturbed public lands along the access road will be done direction of the B.L.M. Any disturbed public lands will be scarified with the contour to a depth of four (4) inches. Seed will be broadcast at the time specified by the BLM including 1 lb/acre Indian Recegrass; 1 lb/acre fourwing saltbrush; 1 lb/acre crested wheatgrass; 1 lb/acre alkali saca on; and 1 lb/acre yellow sweetclover. Mountain Resource Corporation will be using Pacific National Gas Company/ Nationwide Federal Bond as designated operator.

11. LAND DESCRIPTION Note para. no. 1 above. This area is fairly flat. The Wasatch Plateau is to the West and the San Rafael Swell lies to the East.

12. REPRESENTATION: Mountain Resource Corporation is the designated Operator of the lease. The Operators supervisor will be Frederick G. Jaeger, 1731 Oakridge Drive, SLC, Utah. (801) 487-1773

13. CERTIFICATION I hereby certify that I or persons under my direct Supervisions, have inspected the proposed drill-site and proposed access road; that I am familiar with the conditions which presently exist; that the statements made in this plan are to the best of my knowledge, true and correct, and that the work associated with the operations proposed herein will be performed by the Mountain Resource Corporation and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved.

dated this 20th day of October, 1983

MOUNTAIN RESOURCE CORPORATION

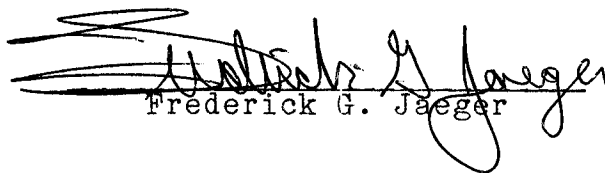
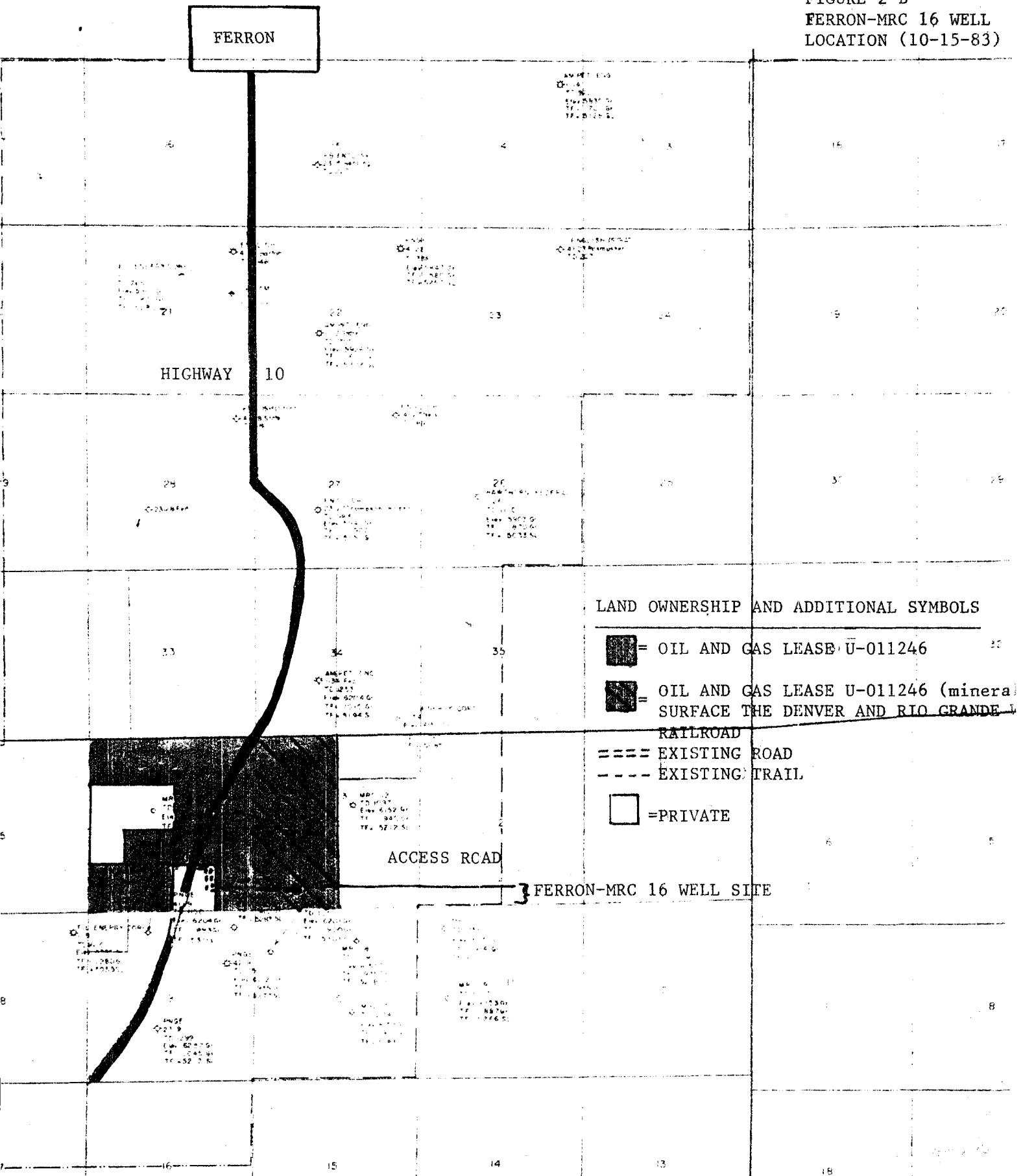

Frederick G. Jaeger

FIGURE 2-B
FERRON-MRC 16 WELL
LOCATION (10-15-83)

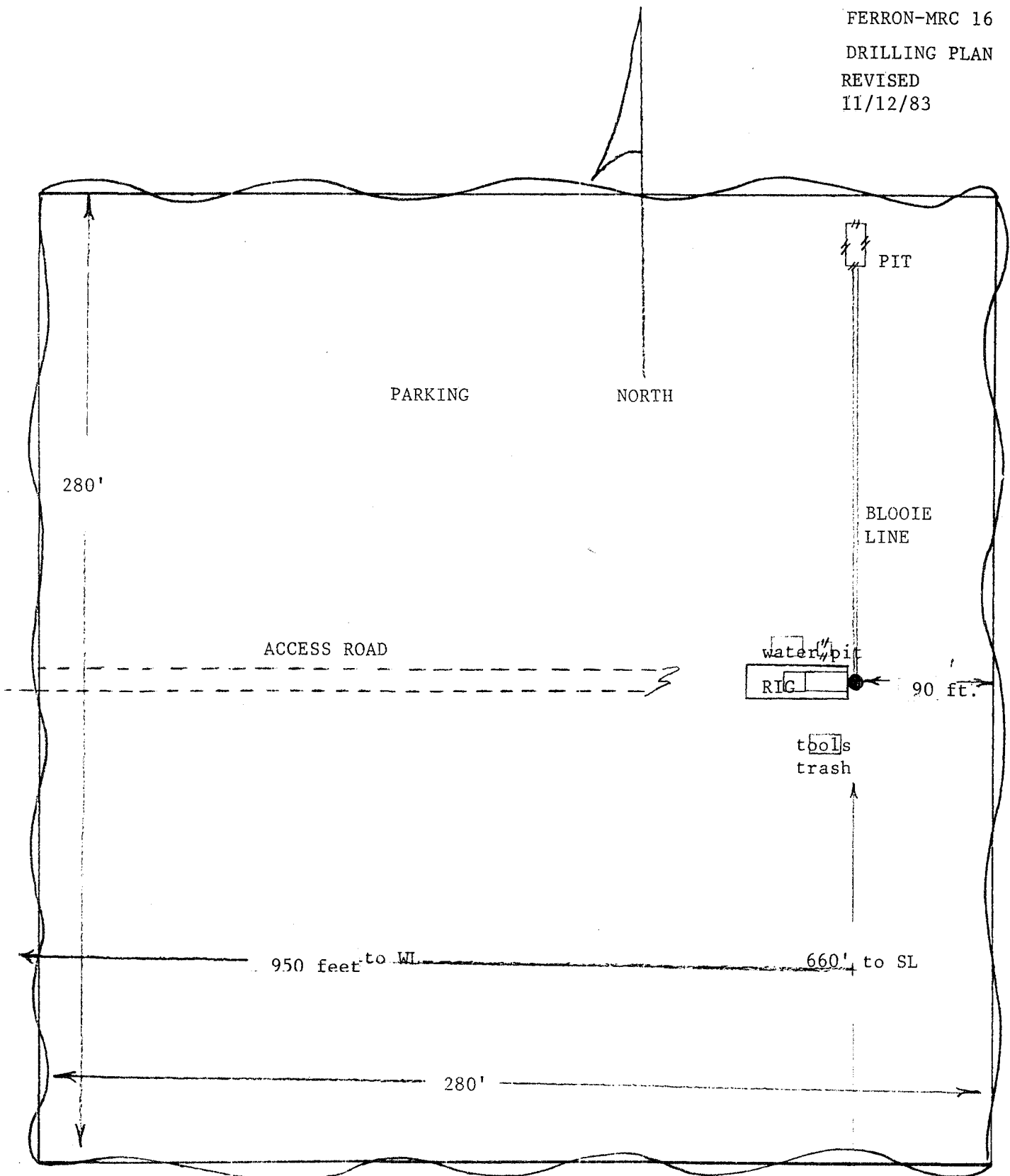


FERRON-MRC 16

DRILLING PLAN

REVISED

11/12/83



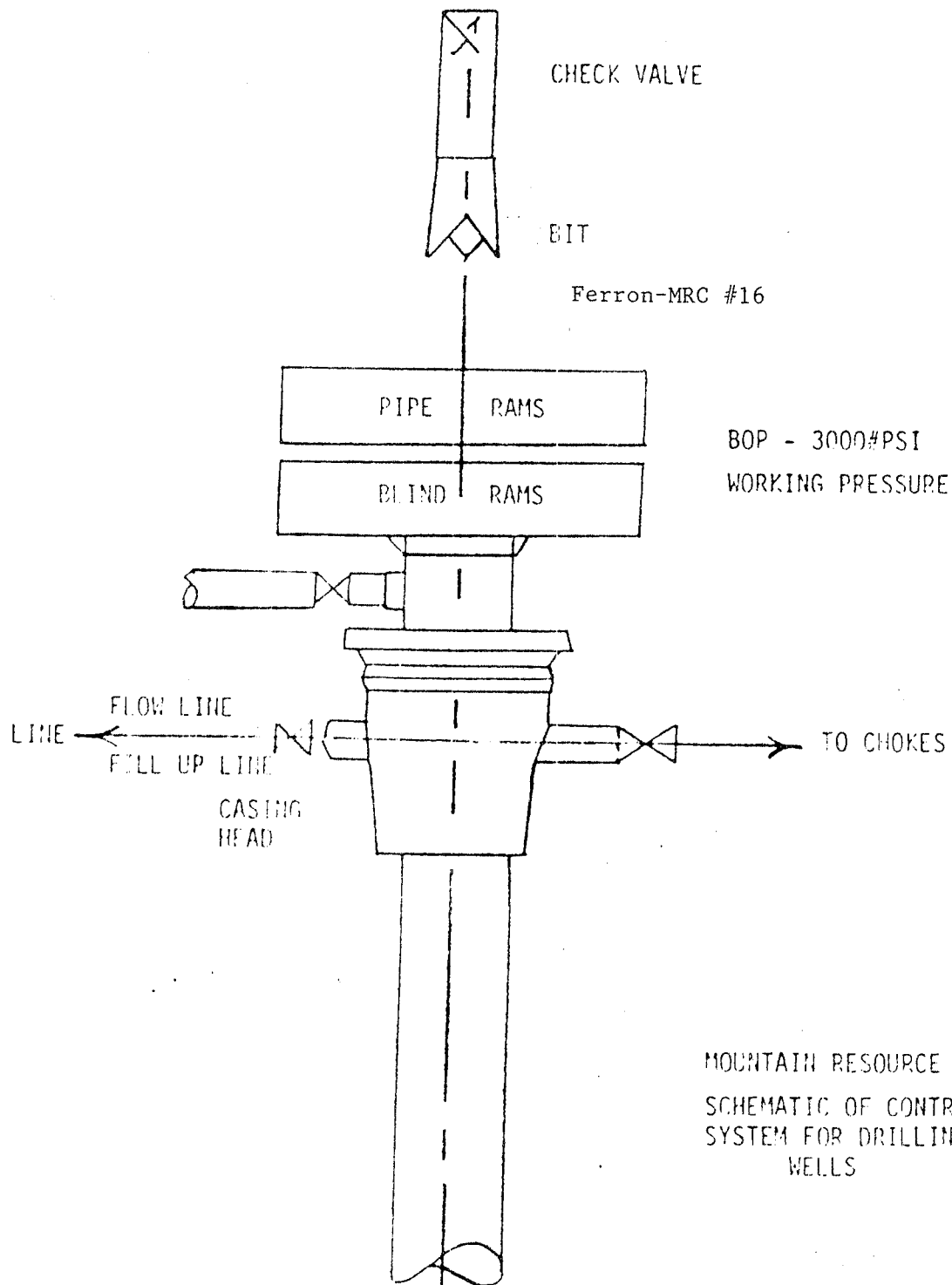
TOWNSHIP 21 SOUTH, RANGE 7 EAST, S.L.B.M.

IN THE SW1/4SW1/4 of Section 3

FIGURE 4

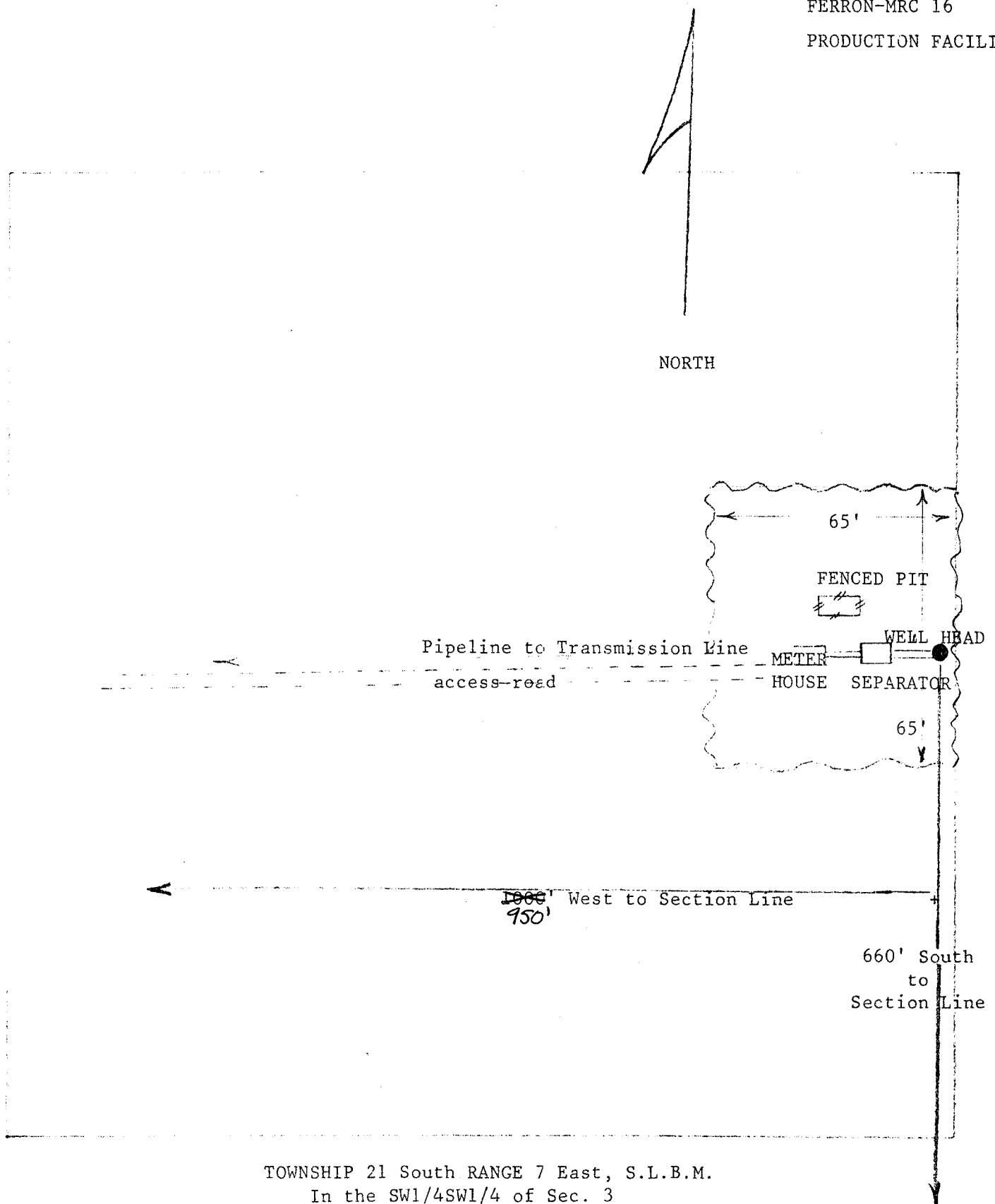
FERRON -MRC #16

BLOWOUT PREVENTER
DIAGRAM (10/15/83)



MOUNTAIN RESOURCE CORPORATION
SCHEMATIC OF CONTROL
SYSTEM FOR DRILLING
WELLS

FIGURE 5
MOUNTAIN RESOURCE CORP.
FERRON-MRC 16
PRODUCTION FACILITY



TOWNSHIP 21 South RANGE 7 East, S.L.B.M.
In the SW1/4SW1/4 of Sec. 3

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL ☒DEEPEN ☐PLUG BACK ☐

b. TYPE OF WELL

OIL
WELL ☐GAS
WELL ☒

OTHER

SINGLE
ZONE ☐MULTIPLE
ZONE ☐

2. NAME OF OPERATOR

MOUNTAIN RESOURCE CORPORATION

3. ADDRESS OF OPERATOR

1800 South West Temple - P.O. Box 27444, SLC, Utah 84127

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*

At surface
SW1/4SW1/4 Section 3 (1000' FWL, 660' FSL)

At proposed prod. zone

950

same

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

Four and one-half miles south of Ferron, Utah

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drlg. unit line, if any)

660 feet

16. NO. OF ACRES IN LEASE

160

17. NO. OF ACRES ASSIGNED
TO THIS WELL

40

18. DISTANCE FROM PROPOSED LOCATION*

TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

1660 feet

19. PROPOSED DEPTH

1300 feet

20. ROTARY OR CABLE TOOLS

Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

6205.2 GR

22. APPROX. DATE WORK WILL START*

November 1983

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
9 1/2"	7 5/8"	20 lb/ft	100	Cement will be circulated to surface (250 sacks)
6 3/4"	4 1/2"	10.5 lb/ft	1200	

It is proposed to fully test and evaluate the Ferron Formation by drilling through the Ferron into the Tununk shale. Air will be used as the circulating medium. No Coring is planned. The logs will be a gamma ray-caliper, compensated neutron density and dual induction guard. All Federal and State regulations will be adhered to.

RECEIVED
NOV 18 1983DIVISION OF
OIL, GAS & MINING

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on existing productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

SIGNED

V. Le Roy Hansen

TITLE Vice President

DATE 10/15/83

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

DISTRICT MANAGER

TITLE

DISTRICT MANAGER

DATE

11-16-83

CONDITIONS OF APPROVAL, IF ANY:

CONDITIONS OF APPROVAL ATTACHED

FLARING OR VENTING OF
GAS IS SUBJECT OF NTL 4-A
DATED 1/1/80

006M

Ester Capen

CONDITIONS OF APPROVAL FOR NOTICE TO DRILL

Company Mountain Resources Well No. MRC-16
Location Sec. 3 T21S R7E Lease No. U-011246

**A COPY OF THESE CONDITIONS SHOULD BE FURNISHED YOUR
FIELD REPRESENTATIVE TO INSURE COMPLIANCE**

All lease and/or unit operations are to be conducted in such a manner that full compliance is made with the applicable laws, regulations (30 CFR 221), and the approved plan of operations. The operator is considered fully responsible for the actions of his subcontractors. The following items are emphasized:

1. There shall be no deviation from the proposed drilling and/or workover program as approved. Safe drilling and operating practices must be observed. All wells, whether drilling producing, suspended, or abandoned shall be identified in accordance with 30 CFR 221.22. Any changes in operations must have prior approval of this office. Pressure tests are required before drilling out from under all casing strings set and cemented in place. Blowout preventer controls must be installed prior to drilling the surface casing plug and will remain in use until the well is completed or abandoned. Preventers will be inspected and operated at least daily to insure good mechanical working order, and this inspection recorded on the daily drilling report. Preventers will be pressure tested before drilling casing cement plugs. All BOP pressure tests must be recorded on the daily drilling report.
2. All shows of fresh water and minerals will be reported and protected. A sample will be taken of any water flows and furnished this office for analysis. All oil and gas shows will be adequately tested for commercial possibilities, reported and protected.
3. No location will be constructed or moved, no well will be plugged, and no drilling or workover equipment will be removed from a well to be placed in a suspended status without prior approval of this office. If operations are to be suspended, prior approval of this office must be obtained and notification given before resumption of operations.

In the event abandonment of the hole is desired, an oral request may be granted by this office, but must be timely followed within 15 days with a "Notice of Intention to Abandon" (Form 9-331). Unless the plugging is to take place immediately upon receipt of oral approval, the District Manager must be notified at least 48 hours in advance of the plugging of the well in order that a representative may witness plugging operation. If a well is suspended or abandoned, all pits must be fenced immediately until they are backfilled. The "Subsequent Report of Abandonment" (Form 9-331) must be submitted within 15 days after the actual plugging of the well bore, reporting where the plugs were placed, and the current status of the surface restoration. If surface restoration has not been completed at that time, a follow-up report on form 9-331 should be filed when all surface restoration has been completed and the location is considered ready for final inspection.

4. The spud date will be reported orally to the respective District Manager's office within 48 hours after spudding. If the spudding occurs on a weekend or holiday, wait until the following regular workday to make this report.

Periodic drilling progress reports must be filed directly with the District Manager's office on a frequency and form or method as may be acceptable to the District Manager.

In accordance with NTL-1, this well must be reported on Form 9-329 "Monthly Report of Operations", starting with the month in which operations commence and continue each month until the well is physically plugged and abandoned. This report should be filed, in duplicate, directly with Royalty Management Accounting Center, Minerals Management Service, P. O. Box 2859, Casper, Wyoming 82602.

Any change in the program must be approved by the District Manager. "Sundry Notices and Reports on Wells" (form 9-331) must be filed for all changes of plans and other operations in accordance with 30 CFR 221.58. Emergency approval may be obtained orally, but such approval does not waive the written report requirement. Any additional construction, reconstruction, or alteration of facilities, including roads, gathering lines, batteries, etc., which will result in the disturbance of new ground will require the filing of a suitable plan pursuant to NTL-6, and prior approval by the District Manager.

5. Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (form 9-330) will be submitted not later than 15 days after completion of the well or after completion of operations being performed, in accordance with 30 CFR 221.59. Two copies of all logs run, core descriptions, core analyses, well-test data, geologic summaries, sample descriptions, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, will be filed with form 9-330. Samples (cuttings, fluid, and/or gas) will be submitted only when requested by this office.
6. Significant surface values (are) (are not) involved at this location. Accordingly, you (must) (need not) notify at least (24) (48) hours prior to commencing field operations to allow this office to have personnel present for consultation during the construction of roads and locations.

Your contact with the District Office is: Lynn Jackson

Office Phone: 501-259-6111 Home Phone: _____

City: Moab State: Utah

Resource Area Manager's Address and contacts are:

Address: Pice, Ut

Your contact is: Merv Miles

Office Phone: 501-637-4584 Home Phone: _____

7. SURFACE OPERATING STANDARDS

Unless otherwise specified herein, construction and maintenance of surface facilities approved under this plan shall be in accordance with the guidelines set forth in the BLM/FS/GS Oil and Gas Brochure entitled, "Surface Operating Standards for Oil and Gas Exploration and Development". This includes but is not limited to such items as road construction and maintenance, handling of top soil and rehabilitation.

8. If a replacement rig is contemplated for completion operations, a "Sundry Notice" to that effect must be filed, for prior approval of the District Manager, and all conditions of this approved plan are applicable during all operations conducted with the replacement rig.
9. Pursuant to NTL-2B requirements regarding disposal facilities for new wells, this is authorization for unlined pit disposal of the water produced from this well for a period of 90 days from the date of initial production for sales purposes. During this period, an application for approval of the permanent disposal method, along with the required water analysis and other information must be submitted for the District Manager's approval. Failure to timely file an application within the time allowed will be considered an incident of noncompliance, and will be grounds for issuing a shut-in order until the application is submitted.
10. This permit is valid for a period of one year from the date of approval. If construction does not commence within 90 days from approval, the operator must contact this office 15 days prior to beginning construction. Construction under adverse conditions may require additional stipulations. If the permit terminates, any surface disturbance created under the application must be rehabilitated in accordance with the approved plan. After termination, it is required that a new application be filed for approval for any future operations.
11. If a tank battery is constructed on this lease, it must be surrounded by a fire wall of sufficient capacity to adequately contain the storage capacity of the battery.
12. This Application for Permit to Drill is approved subject to the requirement that, should the well be successfully completed for production, this office must be notified when it is placed in a producing status. Such notification will be by telegram or other written communication, and must be received in this office by not later than the first business day next following the date on which the well is placed on production. The notification shall provide, as a minimum, the following informational items:
 - a. Operator name, address and telephone number.
 - b. Well name and number.
 - c. Well location (1/4, 1/4, Section, Township, Range and Prime Meridian).
 - d. Date was placed in a producing status.
 - e. The nature of the well's production, i.e. crude oil, or crude oil and casinghead gas, or natural gas and entrained liquid hydrocarbons.

- f. The OCS, Federal or Indian lease prefix and number on which the well is located. Otherwise, the non-Federal or non-Indian land category, i.e. State or private.
- g. If appropriate, the unit agreement name, number and participating area name.
- h. If appropriate, the communitization agreement number.

13. _____

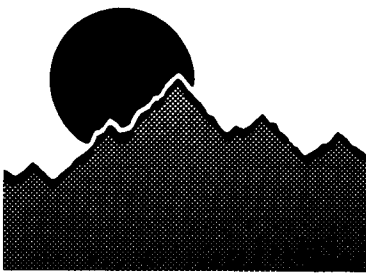
SUPPLEMENTAL STIPULATIONS OF APPROVAL ATTACHED

1. All access will be limited to existing road alignment; therefore no cultural resource clearance is necessary.
 2. Rehabilitation at the drill pad is subject to approval by the D+RGW railroad.
 3. Adequate and sufficient electric/radioactive logs will be run to locate and identify anticipated coal beds in the Ferron Formation. Casing and cementing programs will be adjusted to eliminate any potential influence of the well bore or productive hydrocarbon zones on the coal zone.
- Surface casing program may require adjustment for protection of freshwater aquifers.

ADDITIONAL STIPULATIONS FOR PRODUCTION FACILITIES

Your Application for Permit to Drill also included a submittal for production facilities. These production facilities are approved for the lessee and his designated operator under Section 1 of the Oil and Gas Lease with the following conditions:

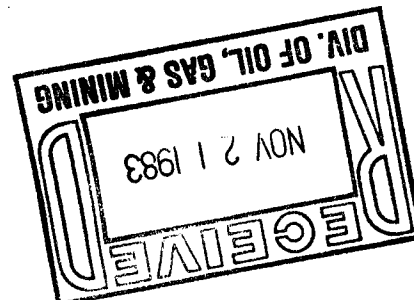
- (1) The oil and gas measurement facilities must be installed on the well location. The oil and gas meters will be calibrated in place prior to any deliveries. Tests for meter accuracy are to be conducted monthly for the first three months on new meter installations and at least quarterly thereafter. Please provide this office with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports are to be submitted to the Salt Lake City District Oil and Gas Supervisor. Royalty payments will be made on all production volume as determined by the meter measurements or the tank measurements. All measurement facilities must conform with the API standards for liquid hydrocarbons and the AGA standard for natural gas measurement.
- (2) Gas meter runs for each well will be located within 500 feet of the wellhead. The gas flowline will be buried from the wellhead to the meter and 500 feet downstream of the meter run or any production facilities. Meter runs must be housed and/or fenced.
- (3) All disturbed areas not required for operations will be rehabilitated.
- (4) All produced liquids must be contained including the dehydrator vent/condensate line effluent. All production pits must be fenced.
- (5) The well activity, the well status and the date the well is placed on production must be reported on Lessee's Monthly Report of Operations, Form 9-329.
- (6) All off-lease storage, off-lease measurement, or commingling on lease or off-lease must have written approval.
- (7) All product lines entering and leaving hydrocarbon storage tanks must be locked/sealed.
- (8) You are reminded of the requirements for handling, storing, or disposing of water produced from oil and gas wells under NTL-2B.
- (9) All materials, trash, junk, debris, etc. not required for production must be removed from the well site and production facility site at the completion of these operations.
- (10) A copy of the Gas Sales Contract will be provided to this office and the Royalty Accounting Department as directed.
- (11) Construction and maintenance for surface use approved under this plan should be in accordance with the surface use standards as set forth in the BLM/GS Oil and Gas Brochure entitled, "Surface Operating Standards for Oil and Gas Exploration and Development." This includes, but is not limited to, such items as road construction and maintenance, handling of top soil and rehabilitation.
- (12) "Sundry Notice and Reports on Wells" (form 9-331) will be filed for all changes of plans and other operations in accordance with 30 CFR 221.58. Emergency approval may be obtained verbally, but such approval does not waive the written report requirement. Any additional construction, reconstruction, or alternations of facilities, including roads, gathering lines, batteries, measurement facilities, etc., will require the filing of a suitable plan and prior approval by the survey.



MOUNTAIN RESOURCE CORPORATION

November 21, 1983

State of Utah Natural Resources
Division of Oil, Gas & Mining
4241 State Office Building
Salt Lake City, Utah 84114



Attention: Norm Stout

Reference: Well No. Ferron-MRC 16, Emery County, Utah

Dear Norm:

Enclosed is our application to drill the Ferron-MRC 16 Well. This well is to be located in the SW1/4 of Section 3, T21S, R7E, Emery County, Utah.

As you remember, spacing for this Section was changed to one hundred and sixty acres (160) with the approval of Cause No. 7-11(A) approved in the August meeting of the Utah Board of Oil, Gas and Mining.

We've also included our application for water required for drilling this well. All the required documents have been provided to the State Engineer and we should have final approval any day. We would appreciate it if you could proceed with approval of this application now and we'll provide you with our approved water use form as soon as it is approved.

We're currently planning to drill this well around December 1, 1983. We would again like to thank you and all the people at the Oil and Gas Commission for the assistance provided to us during this project.

Thank you.

Sincerely,

MOUNTAIN RESOURCE CORPORATION

V. Le Roy Hansen

V. Le Roy Hansen
Vice President

VLH/lt
df-16/s16apple

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL ☒DEEPEN ☐PLUG BACK ☐

b. TYPE OF WELL

OIL
WELL ☐GAS
WELL ☒

OTHER

SINGLE
ZONE ☐MULTIPLE
ZONE ☐

2. NAME OF OPERATOR

MOUNTAIN RESOURCE CORPORATION

3. ADDRESS OF OPERATOR

1800 South West Temple - P.O. Box 27444, SLC, Utah 84127

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*

At surface

SW1/4SW1/4 Section 3 (1000' FWL, 660' FSL)
At proposed prod. zone 950

Same

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

Four and one-half miles south of Ferron, Utah

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT. 660 feet
(Also to nearest drlg. unit line, if any)

18. DISTANCE FROM PROPOSED LOCATION*

TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT. 1660 feet

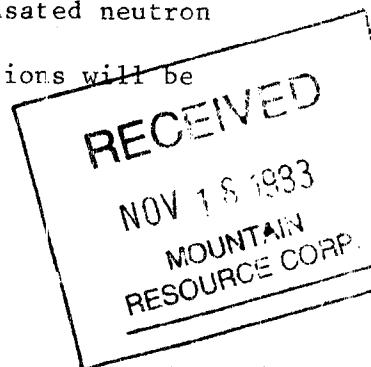
21. ELEVATIONS (Show whether DF, RT, GR, etc.)

6205.2 GR

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
9 1/2"	7 5/8"	20 lb/ft	100	Cement will be circulated to surface (250 sacks)
6 3/4"	4 1/2"	10.5 lb/ft	1200	

It is proposed to fully test and evaluate the Ferron Formation by drilling through the Ferron into the Tununk shale. Air will be used as the circulating medium. No Coring is planned. The logs will be a gamma ray-caliper, compensated neutron density and dual induction guard. All Federal and State regulations will be adhered to.



IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give pertinent data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

SIGNED

V. Le Roy Hansen

TITLE Vice President

DATE 10/15/83

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

DATE

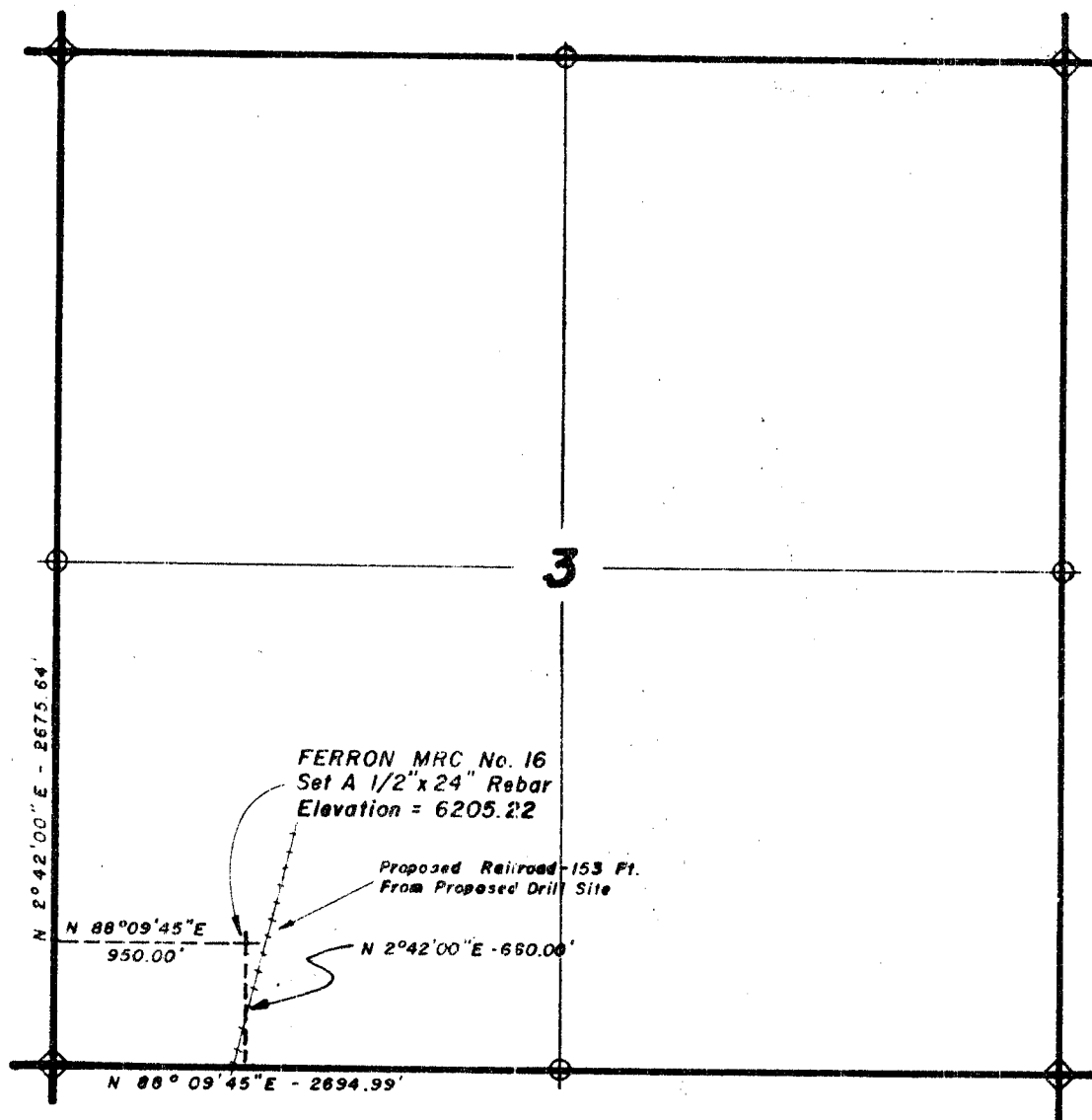
CONDITIONS OF APPROVAL, IF ANY:

CONDITIONS OF APPROVAL ATTACHED

FLARING ON FERRON
GAS IS SUBJECT OF NTL 4-A
DATED 1/1/83

FIGURE 1
MRC CORP.
REVISED
11/12/83

Township 21 South



Basis Of Bearing

N 2°42'E - Obtained From A G.L.O. Plat Dated June 21, 1965, Between The Southwest Corner And The West 1/4 Corner Of Section 3, T21S, R7E, S.L.B.&M.

Legend

- ◇ Found Brass Cap Section Corner
- Found Brass Cap One Quarter Corner

Surveyors Certificate

I, EVAN E. HANSEN, Do Hereby Certify That I Am A Registered Land Surveyor Holding Certificate No. 3115 As Prescribed Under The Laws Of The State Of Utah. I Further Certify That I Have Made A Survey Of The Tract Of Land Shown On This Plat And That It Is True And Correct To The Best Of My Knowledge.

Evan E. Hansen

10/11/83
Date

Empire Engineering

86 North 200 East Price, Utah 84501

Mountain Resource Corp.

Ferron MRC #16

DRAWN BY: B.L.P.

APPROVED BY:

DRAWING NO.

DATE: 10/11/83

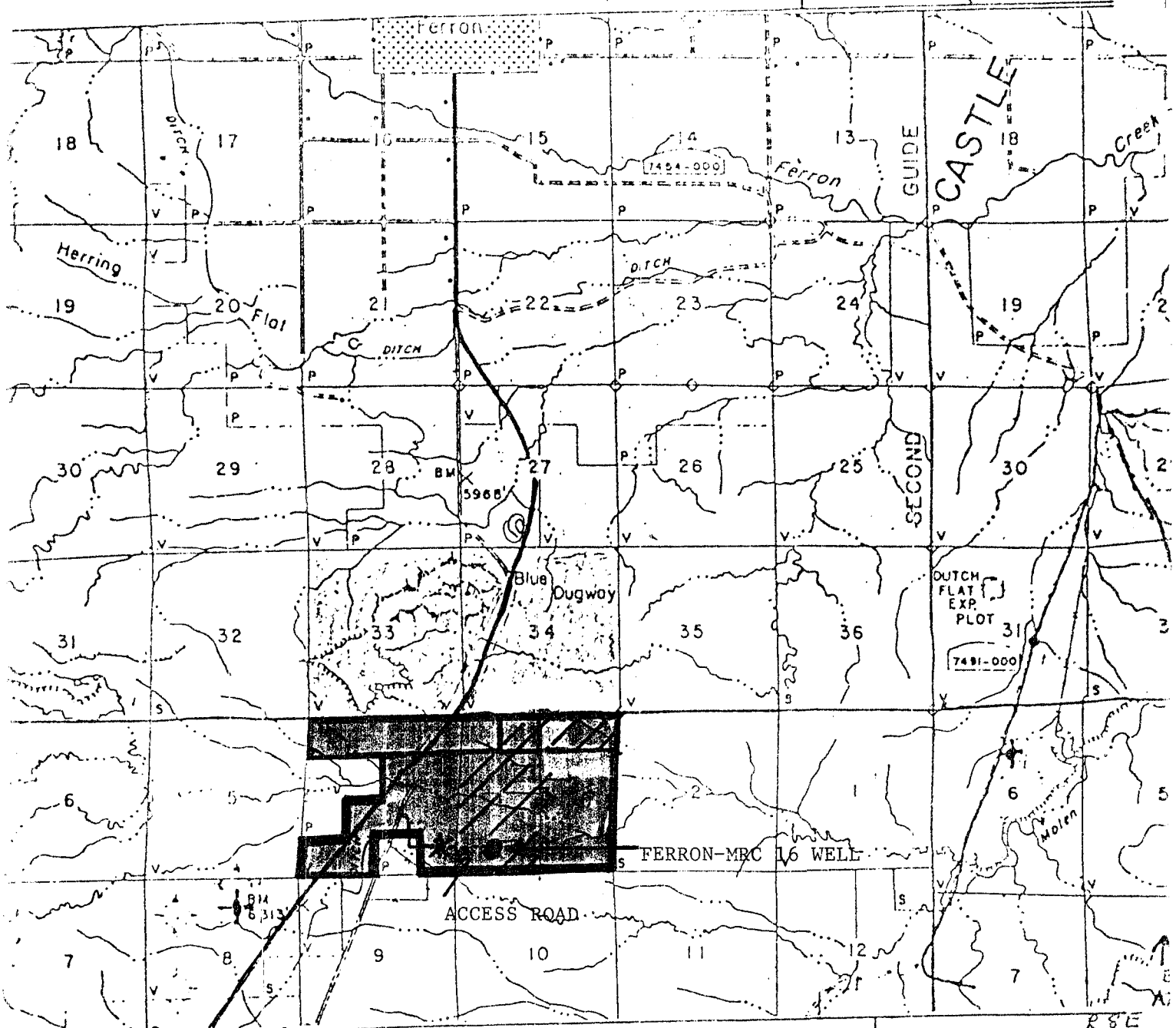
SCALE: 1" = 1000'

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FIGURE 2-A
FERRON-MRC 16 WELL
LOCATION MAP (10-15-83)

SITL MAP

Serial Number



LAND OWNERSHIP KEY AND ADDITIONAL TOPOGRAPHIC SYMBOLS

	OIL AND GAS LEASE U-011246		
	EXISTING ROAD		
	EXISTING TRAIL		
	FERRON-MRC 16 EXISTING GAS WELL		
	SURFACE THE DENVER AND RIO GRANDE WESTERN RAILROAD		

Scale: 1" =

OTHER DATA

Map Source: Salt Wash
unit map

Location:
T21S, R7E, SLM
SW1/4SW1/4

SITE PLOT

1. The surface material is weathered Mancos Shale mixed with fine-grained aeolian silt-stone. Some of the cliff exposures include the Upper Ferron Sandstone.

2. The estimated tops of important and recognizable geologic markers are:

Mancos Shale.....	surface
Lower Ferron.....	1,000 ft
Tununk Shale.....	1,200 ft

3. The estimated depths at which important water oil and gas is expected to be encountered are:

Lower Ferron Sand.....1,000 ft.....Gas and/or Oil

No water sands are expected to be encountered while drilling this well.

4. The casing program as previously indicated will consist of 100 feet of 7 5/8 inch, 20 lb/ft surface casing and 1500 feet of 4 1/2", 10.5 lb/ft production casing. The surface casing will be set and cement will be circulated to surface. The 4 1/2" production string will be cemented with 250 sacks of cement. This is a calculated 25% excess amount of cement necessary to cement the entire string to surface.

5. The schematic diagram of the B.O.P. is attached. The 3000 psig working configuration will be used. Also dependent upon the height from ground level to the return flow, a hydril or equivalent type of B.O.P. will be utilized as the top piece of the B.O.P. stack.

6. It is planned to drill this well using air as the circulating medium. The only water anticipated to be used will be that employed in cementing the casing.

7. The auxiliary equipment to be used will be that applicable to prudent air drilling practices. The bloop line will be terminated at a minimum distance of 125 feet from the rig. A relatively small bloop pit will be utilized. All drilling and reserved pits will be fenced per figure #3.

8. It is planned to utilize open-hole logs in this well. They will consist of a gamma ray, caliper compensated neutron density and dual induction guard.

9. It is not anticipated that any H₂S, abnormal pressures or high temperatures will be encountered in drilling this well.

10. It is expected to commence operations upon permit approval. The estimated time to drill this well will be five (5) days.

WELL CONTROL EQUIPMENT

1. Surface Casing:
 - a. Hole size for the surface casing will be 9 1/2".
 - b. Setting depth for the surface casing will be approximately 100'.
 - c. Casing Specifications are 7 5/8" o.d.; H-40, 20 lb/ft Condition "A".
 - d. Anticipated pressure at setting depth is approximately 40 psig.
 - e. Casing will be run and cement will continue to be mixed until returns are evident at surface.
 - f. Top of the surface casing will be at ground level.
2. Casing head:
 - a. The flange size will be 6" series 300 new, equipped with 2 inch ports with nipples and 2" 1,000 lb. working pressure valves. Casing head and valves will be set above ground.
3. Intermediate Casing:
 - a. None
4. Blowout Preventers:
 - a. Figure four is a schematic of the control system for drilling the proposed wells. The control system is designed to handle up to 3000 psi working pressure.
5. Auxilliary Equipment
 - a. All that is standard for safe and prudent air drilling operations.
6. Anticipated Pressures:
 - a. The anticipated pressure that is expected to be encountered will be approximately 350 psig.
7. Blowout preventer controls will be installed prior to drilling the surface casing plug and will remain in use until the

well is completed. The B.O.P. will be inspected and operated daily to insure good mechanical working order and this inspection recorded on the daily drilling report. The B.O.P. will be tested to 3,000 lbs psi for ten minutes before drilling the casing cement plugs. All B.O.P. pressure tests will be recorded on the daily drilling report. The B.O.P. provided will have a full opening stabbing valve to fit the drill pipe when the Kelly is out of the B.O.P.

8. Water trucks used for hauling water will use existing access routes only as specified in the application. All water, trash, cutting, oils, sewerage and other waste materials will be placed in pits.

9. All drilling, reserve and water pits will be fenced as shown in figure 3 using steel posts and non-barbed fencing wire from the time the pits are dug until they are refilled.

The drilling rig is truced mounted which will require a minimum pad size (figure 3) however, operation requires a cellar for the B.O.P.

OPERATOR MOUNTAIN RESOURCE CORP

DATE 11-21-83

WELL NAME FERRAN-MAC 16

SEC SWSW 3 T 21 S R 7 E COUNTY EMERY

43-015-30182

API NUMBER

FED

TYPE OF LEASE

POSTING CHECK OFF:

☐

INDEX

☐

MAP

☐

HL

☐

NID

☐☐

PI

PROCESSING COMMENTS:

NO OTHER WELL IN DRILLING UNIT

APPROVED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS, AND MINING

DATE: 11-21-83

BY: [Signature]

✓ CHIEF PETROLEUM ENGINEER REVIEW:

11/22/83 ✓

APPROVAL LETTER:

SPACING: ☐ A-3 _____ UNIT

☒

c-3-a

7-11A - 8-25-83
CAUSE NO. & DATE

☐

c-3-b

☐

c-3-c

SPECIAL LANGUAGE:

WATER

☒ RECONCILE WELL NAME AND LOCATION ON APD AGAINST SAME DATA ON PLAT MAP.

☒ AUTHENTICATE LEASE AND OPERATOR INFORMATION

☒ VERIFY ADEQUATE AND PROPER BONDING

☒ AUTHENTICATE IF SITE IS IN A NAMED FIELD, ETC.

☐ APPLY SPACING CONSIDERATION

☒ ORDER 7-11A

☐ UNIT _____

☐ c-3-b

☐ c-3-c

☒ CHECK DISTANCE TO NEAREST WELL.

☒ CHECK OUTSTANDING OR OVERDUE REPORTS FOR OPERATOR'S OTHER WELLS.

☒ IF POTASH DESIGNATED AREA, SPECIAL LANGUAGE ON APPROVAL LETTER

☒ IF IN OIL SHALE DESIGNATED AREA, SPECIAL APPROVAL LANGUAGE.

☒ VERIFY LEGAL AND SUFFICIENT DRILLING WATER

November 21, 1983

Mountain Resource Corporation
1800 South West Temple
P. O. Box 27444
Salt Lake City, Utah 84127

RE: Well No. Ferron-MRC 16
SWSW Sec. 3, T. 21S, R. 7E
660' FSL, 950' FWL
Emery County, Utah

Gentlemen:

Insofar as this office is concerned, approval to drill the above referred to gas well is hereby granted in accordance with the Order issued in Cause No. 7-11A dated August 25, 1983. Prior to spudding, a copy of the Utah Division of Water Rights (Phone No. 801-533-6071) approval for use or purchase of drilling water must be submitted to this office, otherwise this approval is void.

Should you determine that it will be necessary to plug and abandon this well, you are hereby requested to immediately notify the following:

RONALD J. FIRTH - Chief Petroleum Engineer
Office: 533-5771
Home: 571-6068

Enclosed please find Form OGC-8-X, which is to be completed whether or not water sands (aquifers) are encountered during drilling. Your cooperation in completing this form will be appreciated.

Further, it is requested that this Division be notified within 24 hours after drilling operations commence, and that the drilling contractor and rig number be identified.

The API number assigned to this well is 43-015-30182.

Sincerely,

Norman C. Stout
Administrative Assistant

NCS/as
cc: Branch of Fluid Minerals
Encl.



STATE OF UTAH
NATURAL RESOURCES
Oil, Gas & Mining

4241 State Office Building • Salt Lake City, UT 84114 • 801-533-5771

Scott M. Matheson, Governor
Temple A. Reynolds, Executive Director
Dr. G. A. (Jim) Shirazi, Division Director

November 21, 1983

RECEIVED

NOV 28 1983

MOUNTAIN
RESOURCE CORP.

Mountain Resource Corporation
1800 South West Temple
P. O. Box 27444
Salt Lake City, Utah 84127

RE: Well No. Ferron-MRC 16
SWSW Sec. 3, T. 21S, R. 7E
660' FSL, 950' FWL
Emery County, Utah

Gentlemen:

Insofar as this office is concerned, approval to drill the above referred to gas well is hereby granted in accordance with the Order issued in Cause No. 7-11A dated August 25, 1983. Prior to spudding, a copy of the Utah Division of Water Rights (Phone No. 801-533-6071) approval for use or purchase of drilling water must be submitted to this office, otherwise this approval is void.

Should you determine that it will be necessary to plug and abandon this well, you are hereby requested to immediately notify the following:


RONALD J. FIRTH - Chief Petroleum Engineer
Office: 533-5771
Home: 571-6068

Enclosed please find Form OGC-8-X, which is to be completed whether or not water sands (aquifers) are encountered during drilling. Your cooperation in completing this form will be appreciated.

Further, it is requested that this Division be notified within 24 hours after drilling operations commence, and that the drilling contractor and rig number be identified.

The API number assigned to this well is 43-015-30182.

Sincerely,


Norman C. Stout
Administrative Assistant

NCS/as
cc: Branch of Fluid Minerals
Encl.



IN REPLY
REFER TO...

United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Utah State Office

2000 Administration Building

1745 West 1700 South

Salt Lake City, Utah 84104

RECEIVED

NOV 15 1983

MOUNTAIN
RESOURCE CORP.

November 10, 1983

Mountain Resource Corporation

P.O. Box 27444

Salt Lake City, Utah 84127

Re: Application for Permit To Drill

Well No. MCR 16

Section 3, T.21S., R.7E.

Lease U-011246

Emery County, Utah

Gentlemen:

The referenced application was received on October 21, 1983.
Personnel in the Moab District have, or will, coordinate a joint on-site inspection with you concerning the surface use plan.

The administrative and technical aspects of your application will be adequate on receipt of the following:

- 1.
2. None
- 3.

Final approval of your application will issue from the Moab District Office.

Sincerely,

E. W. Gynn
Chief, Branch of Fluid Minerals

**UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY**

SUBMIT IN TRIPLICATE
(Other instructions on
reverse side)

Form approved
Budget Bureau No. 42-H1425

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1. TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>			5. LEASE DESIGNATION AND SERIAL NO. U-011246	
2. NAME OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>			6. IF INDIAN, ALLOTTEE OR TRIBE NAME N/A	
3. NAME OF OPERATOR MOUNTAIN RESOURCE CORPORATION			7. UNIT AGREEMENT NAME N/A	
4. ADDRESS OF OPERATOR 1800 South West Temple - P.O. Box 27444, SLC, Utah 84127			8. FARM OR LEASE NAME Celsius-Mt. Resource	
9. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.) At surface SW1/4SW1/4 Section 3 (1150' FWL, 660' FSL) At proposed prod. zone <i>950' FWL</i>			9. WELL NO. FERRON-MRC 16	
10. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* same Four and one-half miles south of Ferron, Utah			10. FIELD AND POOL, OR WILDCAT FERRON AREA	
11. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 560 feet		12. NO. OF ACRES IN LEASE 160		13. NO. OF ACRES ASSIGNED TO THIS WELL 40
14. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 1660 feet		15. PROPOSED DEPTH 1300 feet		16. ROTARY OR CABLE TOOLS Rotary
17. ELEVATION (Show whether DP, RT, GR, etc.) 6205.2 GR			18. APPROX. DATE WORK WILL START* November 1983	

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
9 1/2"	7 5/8"	20 lb/ft	100	Cement will be circulated to surface (250 sacks)
6 3/4"	4 1/2"	10.5 lb/ft	1200	

It is proposed to fully test and evaluate the Ferron Formation by drilling through the Ferron into the Tununk shale. Air will be used as the circulating medium. No Coring is planned. The logs will be a gamma ray-caliper, compensated neutron density and dual induction guard. All Federal and State regulations will be adhered to.

19. ABOVE SPACE DESCRIBE PREVIOUS PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

20. SIGNED: *V. Lee Roy Hansen* TITLE Vice President DATE 10/15/83
(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY: _____



STATE OF UTAH
NATURAL RESOURCES
Water Rights

Scott M. Matheson, Governor
Temple A. Reynolds, Executive Director
Dee C. Hansen, State Engineer

74 West Main Street • P.O. Box 718 • Price, UT 84501 • 801-637-1303

RECEIVED

NOV 28 1983

MOUNTAIN
RESOURCE CORP.

November 25, 1983

Mt. Resources Co.
Attn: Max H. Ralphs
P.O. Box 27444
Salt Lake City, Utah 84127

Re: Temporary Change Appl. No. 83-95-21

Dear Mr. Ralphs:

The above numbered Temporary Change Application has been approved.
A copy is herewith returned to you for your records and future reference.

Sincerely,

Mark P. Page
Area Engineer
For Dee C. Hansen, P.E.
State Engineer

Enclosure

DCH/MPP/mjk

APPLICATION NO. 83-95-21

DISTRIBUTION SYSTEM. Muddy Creek

Application For Temporary Change of Point of Diversion, Place or Purpose of Use

RECEIVED

RECEIVED

NOV 28 1983

MOUNTAIN
RESOURCE CORP.

STATE OF UTAH

NOV 22 1983

(To Be Filed in Duplicate)

Salt Lake City, Ut.

November 7th, 1983

STATE ENGINEER

Place

Date

For the purpose of obtaining permission to temporarily change the point of diversion, place or purpose of use
(Strike out written matter not needed)

of water, the right to the use of which was acquired by A-8793 (95-227)
(Give No. of application, title and date of Decree and Award No.)
to that hereinafter described, application is hereby made to the State Engineer, based upon the following showing of
facts, submitted in accordance with the requirements of the Laws of Utah.

The owner of right or application is Muddy Creek Irrigation Co.
The name of the person making this application is Mt. Resources Co. (for Max H. Ralphs)
The post office address of the applicant is P.O. Box 27444, Salt Lake City, UT 84127

PAST USE OF WATER

The flow of water which has been used in second feet is _____
The quantity of water which has been used in acre feet is 251 af
The water has been used each year from March 1 to Dec. 1 incl.
(Month) (Day) (Month) (Day)
The water has been stored each year from Nov. 1 to May 1 incl.
(Month) (Day) (Month) (Day)
The direct source of supply is Muddy Creek in Emery County.

9. The water has been diverted into North Fork Muddy Cr. ditch at a point located North 2°59' West 14,893
from the SW Cor. Sec. 33, T20S, R4E, SLB&M
10. The water involved has been used for the following purpose: Supplimental irrigation of 2,516.4 acres
located within the area served by the distribution system of Muddy Cr. Irr. Co.
Total 2,516.4 supp. acres.

NOTE: If for irrigation, give legal subdivisions of land and total acreage which has been irrigated. If for other purposes, give place and purpose of use.

THE FOLLOWING TEMPORARY CHANGES ARE PROPOSED

11. The flow of water to be changed in cubic feet per second is _____
12. The quantity of water to be changed in acre-feet is 50 af
13. The water will be diverted ~~from a regulating reservoir located in SW $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 9, T21S, R7E, SLB&M located on land owned by Max H. Ralphs (see attached copy authorizing reg. res.)~~ from a point located
in SW $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 9, T21S, R7E, SLB&M located on land owned
by Max H. Ralphs (see attached copy authorizing reg. res.)
14. The change will be made from Nov. 1th 1983 to Nov. 10th 1984
(Period must not exceed one year)
15. The reasons for the change are water is needed to drill an oil well named Ferron-MRC-16
located in SW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 3, T21S, R7E, SLB&M
16. The water involved herein has heretofore been temporarily changed 0 years prior to this application.
(List years change has been made)
17. The water involved is to be used for the following purpose: see #15 above

Total _____ acres.

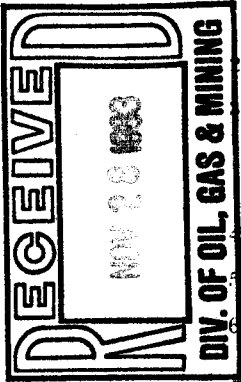
NOTE: If for irrigation, give legal subdivisions of land to be irrigated. If for other purposes, give place and purpose of proposed use.

EXPLANATORY

Oil well will be drilled to a total depth of 1,300 and will be drilled with
air. Water will be used for logging of well and completion of well.

A filing fee in the sum of \$5.00 is submitted herewith. I agree to pay an additional fee for either investigating or advertising this change, or both, upon the request of the State Engineer.

Max H. Ralphs PRES
Signature of Applicant
MOUNTAIN RESOURCE CORP.



RULES AND REGULATIONS

(Read Carefully)

This application blank is to be used only for temporary change of point of diversion, place or nature of use for a definitely fixed period not to exceed one year. If a permanent change is desired, request proper application blanks from the State Engineer.

Application for temporary change must be filed in duplicate, accompanied by a filing fee of \$7.50. Where the water affected is under supervision of a Water Commissioner, appointed by the State Engineer, time will be saved if the Application is filed with the Commissioner, who will promptly investigate the proposed change and forward both copies with filing fee and his report to the State Engineer. Applications filed directly with the State Engineer will be mailed to the Water Commissioner for investigation and report. If there be no Water Commissioner on the source, the Application must be filed with the State Engineer.

When the State Engineer finds that the change will not impair the rights of others he will authorize the change to be made. If he shall find, either by his own investigation or otherwise, that the change sought might impair existing rights he shall give notice to persons whose rights might be affected and shall give them opportunity to be heard before acting upon the Application. Such notice shall be given five days before the hearing either by regular mail or by one publication in a newspaper. Before making an investigation or giving notice the State Engineer will require the applicant to deposit a sum of money sufficient to pay the expenses thereof.

Address all communications to:

State Engineer
State Capitol Building
Salt Lake City, Utah

STATE ENGINEER'S ENDORSEMENTS

(Not to be filled in by applicant)

Change Application No. 83-95-21 Muddy Cr.
(River System)

1. Application received by Water Commissioner
(Name of Commissioner)
2. 11-07-83 Recommendation of Commissioner
Application received over counter in State Engineer's Office by WLB
by mail
3. 11-07-83 Fee for filing application, \$7.50 received by WLB; Rec. No. 03871
4. Application returned, with letter, to for correction.
5. Corrected application resubmitted over counter to State Engineer's Office.
by mail
6. Fee for investigation requested \$
7. Fee for investigation \$, received by; Rec. No.
8. Investigation made by; Recommendations:
9. Fee for giving notice requested \$
10. Fee for giving notice \$, received by; Rec. No.
11. Application approved for advertising by publication by
mail
12. Notice published in
13. Notice of pending change application mailed to interested parties by as follows:
14. Change application protested by
(Date Received and Name)
15. Hearing set for, at
16. 11-17-83 Application recommended for rejection by SP
approval
17. 11-22-83 Change Application rejected and returned to mtn. resources Co.
approved

THIS APPLICATION IS APPROVED SUBJECT TO THE FOLLOWING CONDITIONS:

1.
2.
3.

Mark P. Page State Engineer
FOR State Engineer

RECEIVED

NOV 22 1983

RECEIVED

NOV 18 1983

WATER RIGHTS

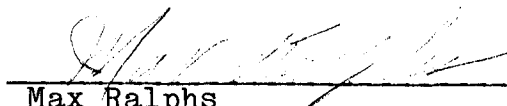
STATE ENGINEER
PRICE, UTAH

Max Ralphs
P. O. Box 340
Ferron, Utah 84523

TO WHOM IT MAY CONCERN:

I MAX RALPHS hereby certify that I own Forty-Seven and one half (47 1/2) shares in the MUDDY CREEK IRRIGATION CO. and that I have reached an agreement to sell water to Mountain Resource Corporation to be used in their oil and gas drilling activities for the Ferron-MRC #16 Well in Emery County, Utah.

Dated this 18th day of November, 1983



Max Ralphs

RECEIVED

NOV 14 1983

MOUNTAIN
RESOURCE CORP.

RECEIVED

NOV 18 1983

WATER RIGHTS

Scott Christiansen
Secretary of the
Muddy Creek Irrigation Co.
P.O. Box 634
Emery, Utah 84522

RECEIVED


NOV 22 1983

STATE ENGINEER
PRICE, UTAH

TO WHOM IT MAY CONCERN:

I hereby verify and certify that according to the official records of the MUDDY CREEK IRRIGATION COMPANY, Max Ralphs of Ferron, Utah is the owner of Forty-seven and one-half (47 1/2) shares in the MUDDY CREEK IRRIGATION COMPANY.

DATED this 10th day of November, 1983.



Scott Christiansen, Secretary
Muddy Creek Irrigation Co.

RULES AND REGULATIONS

(Read Carefully)

This application blank is to be used only for temporary change of point of diversion, place or nature of use for a definitely fixed period not to exceed one year. If a permanent change is desired, request proper application blanks from the State Engineer.

Application for temporary change must be filed in duplicate, accompanied by a filing fee of \$7.50. Where the water affected is under supervision of a Water Commissioner, appointed by the State Engineer, time will be saved if the Application is filed with the Commissioner, who will promptly investigate the proposed change and forward both copies with filing fee and his report to the State Engineer. Applications filed directly with the State Engineer will be mailed to the Water Commissioner for investigation and report. If there be no Water Commissioner on the source, the Application must be filed with the State Engineer.

When the State Engineer finds that the change will not impair the rights of others he will authorize the change to be made. If he shall find, either by his own investigation or otherwise, that the change sought might impair existing rights he shall give notice to persons whose rights might be affected and shall give them opportunity to be heard before acting upon the Application. Such notice shall be given five days before the hearing either by regular mail or by one publication in a newspaper. Before making an investigation or giving notice the State Engineer will require the applicant to deposit a sum of money sufficient to pay the expenses thereof.

Address all communications to:

State Engineer
State Capitol Building
Salt Lake City, Utah

STATE ENGINEER'S ENDORSEMENTS

(Not to be filled in by applicant)

Change Application No. 83-95-21 Muddy Cr.
(River System)

1. Application received by Water Commissioner
(Name of Commissioner)
2. Recommendation of Commissioner
3. 11-07-83 Application received over counter in State Engineer's Office by Self
by mail
4. 11-07-83 Fee for filing application, \$7.50 received by Self ; Rec. No. 0 3871
5. Application returned, with letter, to for correction.
6. Corrected application resubmitted over counter to State Engineer's Office.
by mail
7. Fee for investigation requested \$.....
8. Fee for investigation \$....., received by : Rec. No.
9. Investigation made by ; Recommendations:
10. Fee for giving notice requested \$.....
11. Fee for giving notice \$....., received by : Rec. No.
12. Application approved for advertising by publication by
mail
13. Notice published in.....
14. Notice of pending change application mailed to interested parties by as follows:
.....
.....
15. Change application protested by
(Date Received and Name)
16. Hearing set for , at
17. Application recommended for rejection by
approval
18. Change Application rejected and returned to
approved

THIS APPLICATION IS APPROVED SUBJECT TO THE FOLLOWING CONDITIONS:

1.
2.
3.

State Engineer

APPLICATION NO. 83-95-21

DISTRIBUTION SYSTEM. Muddy Creek

Application For Temporary Change of Point of Diversion, Place or Purpose of Use

STATE OF UTAH

(To Be Filed in Duplicate)

*This is a copy of
the request, but it
has not yet been
approved.*

Salt Lake City, Ut. November 7th 19 83

Place

Date

For the purpose of obtaining permission to temporarily change the point of diversion, place or purpose of use
(Strike out written matter not needed)

of water, the right to the use of which was acquired by A-8793 (95-227)

(Give No. of application, title and date of Decree and Award No.)

to that hereinafter described, application is hereby made to the State Engineer, based upon the following showing of facts, submitted in accordance with the requirements of the Laws of Utah.

1. The owner of right or application is Muddy Creek Irrigation Co.
2. The name of the person making this application is Mt. Resources Co. (for Max H. Ralphs)
3. The post office address of the applicant is P. O. Box 27444, Salt Lake City, UT 84127

PAST USE OF WATER

4. The flow of water which has been used in second feet is
5. The quantity of water which has been used in acre feet is 251 af
6. The water has been used each year from March 1 to Dec 1 incl.
(Month) (Day) (Month) (Day)
7. The water has been stored each year from Nov. 1 to May 1 incl.
(Month) (Day) (Month) (Day)
8. The direct source of supply is Muddy Creek in Emery County
9. The water has been diverted into North Fork Muddy Cr. ^{ditch} at a point located North 2°59' West 14,892
from the SW Cor. Sec. 33, T20S, R4E, SLB&M
10. The water involved has been used for the following purpose: Supplemental irrigation of 2,516.4 acres
located within the area served by the distribution system of Muddy Cr. Irr. Co.
Total 2,516.4 supp. acres

NOTE: If for irrigation, give legal subdivisions of land and total acreage which has been irrigated. If for other purposes, give place and purpose of use.

THE FOLLOWING TEMPORARY CHANGES ARE PROPOSED

11. The flow of water to be changed in cubic feet per second is
12. The quantity of water to be changed in acre-feet is 50 af
13. The water will be diverted ~~in SW 1/4 NW 1/4 Sec. 9, T21S, R7E, SLB&M~~ ^{ditch} ~~at a point located~~ from a regulating
reservoir located in SW 1/4 NW 1/4 Sec. 9, T21S, R7E, SLB&M located on land owned
by Max H. Ralphs (see attached copy authorizing reg. res.)
14. The change will be made from Nov. 1th 19 83 to Nov. 10th, 19 84
(Period must not exceed one year)
15. The reasons for the change are water is needed to drill an oil well named Ferron-MRC-16
located in SW 1/4 SW 1/4, Sec. 3, T21S, R7E, SLB&M
16. The water involved herein has heretofore been temporarily changed 0 years prior to this application.
(List years change has been made)
17. The water involved is to be used for the following purpose: see #15 above

Total acres

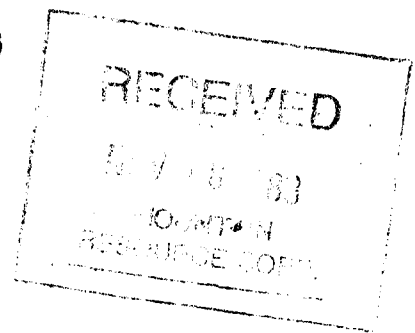
NOTE: If for irrigation, give legal subdivisions of land to be irrigated. If for other purposes, give place and purpose of proposed use.

EXPLANATORY

Oil well will be drilled to a total depth of 1,300 and will be drilled with
air. Water will be used for logging of well and completion of well.

A filing fee in the sum of \$5.00 is submitted herewith. I agree to pay an additional fee for either investigating or advertising this change, or both, upon the request of the State Engineer.

[Signature] PROS
Signature of Applicant
MOUNTAIN RESOURCES CO.




Max Ralphs
P. O. Box 340
Ferron, Utah 84523

TO WHOM IT MAY CONCERN:

I MAX RALPHS hereby certify that I own Forty-Seven and one half (47 1/2) shares in the MUDDY CREEK IRRIGATION CO. and that I have reached an agreement to sell water to Mountain Resource Corporation to be used in their oil and gas drilling activities for the Ferron-MRC #16 Well in Emery County, Utah.

Dated this 16th day of November, 1983



Max Ralphs


NOV 14 1983
MOUNTAIN
RESOURCE CORP.

Scott Christiansen
Secretary of the
Muddy Creek Irrigation Co.
P.O. Box 634
Emery, Utah 84522

TO WHOM IT MAY CONCERN:

I hereby verify and certify that according to the official records of the MUDDY CREEK IRRIGATION COMPANY, Max Ralphs of Ferron, Utah is the owner of Forty-seven and one-half (47 1/2) shares in the MUDDY CREEK IRRIGATION COMPANY.

DATED this 10th day of November, 1983.



Scott Christiansen, Secretary
Muddy Creek Irrigation Co.

NOTICE OF SPUD

Company: Mountain Resources Corp
Caller: Roy Hansen
Phone: 487-1773

Well Number: 16

Location: SW SW 3-215-7E

County: Conej State: Utah

Lease Number: U-011246

Lease Expiration Date: HBP

Unit Name (If Applicable): NA

Date & Time Spudded: Dec 4, 1983 1 PM

Dry Hole Spudder/Rotary: Rotary

Details of Spud (Hole, Casing, Cement, etc.) _____

Rotary Rig Name & Number: _____

Approximate Date Rotary Moves In: _____

FOLLOW WITH SUNDRY NOTICE

Call Received By: LSM

Date: 12-5-83

DIVISION OF OIL, GAS AND MINING

SPODDING INFORMATION

NAME OF COMPANY: MOUNTAIN RESOURCE CORPORATION

WELL NAME: FERRON MRC 16

SECTION SWSW 3 TOWNSHIP 21S RANGE 7E COUNTY Emery

DRILLING CONTRACTOR Frontier

RIG # 3

SPODDED: DATE 12-4-83

TIME 10:00 AM

HOW Rotary

DRILLING WILL COMMENCE _____

REPORTED BY Roy Hansen

TELEPHONE # 487-1773

DATE 12-5-83 SIGNED AS

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil ☐ well gas ☒ well other ☐
2. NAME OF OPERATOR
MOUNTAIN RESOURCE CORPORATION
3. ADDRESS OF OPERATOR
P.O. BOX 27444 - SLC, Utah 84127
4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: SW1/4SW1/4 Section 3 (950' FWL)
AT TOP PROD. INTERVAL: 660' FSL)
AT TOTAL DEPTH: Same
16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:

- TEST WATER SHUT-OFF ☐
FRACTURE TREAT ☐
SHOOT OR ACIDIZE ☐
REPAIR WELL ☐
PULL OR ALTER CASING ☐
MULTIPLE COMPLETE ☐
CHANGE ZONES ☐
ABANDON* ☐
(other) ☐

SUBSEQUENT REPORT OF:

RECEIVED
DEC 28 1983DIVISION OF
OIL GAS & MINING

(Not to report results of multiple completion or zone change on Form 9-330.)

5. LEASE
U-011246
6. IF INDIAN, ALLOTTEE OR TRIBE NAME
N/A
7. UNIT AGREEMENT NAME
N/A
8. FARM OR LEASE NAME
Celsius-Mountain Resource
9. WELL NO.
Ferron-MRC #16
10. FIELD OR WILDCAT NAME
Ferron Area
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec. 3, T21S, R7E, SLB&M
12. COUNTY OR PARISH
Emery County
13. STATE
Utah
14. API NO.
43-015-30182
15. ELEVATIONS (SHOW DF, KDB, AND WD)
6205.2 GR

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

12/2/83 Rig up Frontier Drilling - Drilled pilot hole to 260', reamed to 148' with a 9 1/2" bit. Ran 148' of 7" casing and cemented to surface.

12/4/83 Drilled 6 1/2" hole to 360'

12/5/83 Drilled 6 1/2" hole 360' to 915'

12/6/83 Drilled 6 1/2" hole 915' to T.D. 1030', circulated hole with fresh mud.

12/6/83 POOH, Rig up Welex and ran dual induction guard, compensated density neutron and computer analyzed logs. Ran 4 1/2" casing, 9.5#. J55 to 1026.10 feet and cemented to 500' from surface.

12/15/83 Rig up Welex and perforated zone from 978' to 993', 120° phasing 3 1/8, SSB-II Gun @ 4 shots/foot

12/15 to 12/19/83 Initialflow tests and well clean up performed.
Subsurface Safety Valve: Manu. and Type _____ Set @ _____ Ft.

18. I hereby certify that the foregoing is true and correct

SIGNED LeRoy Hansen TITLE Vice President DATE 12/20/83

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

CONFIDENTIAL
WELL STATUS

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for ~~well proposals~~)

1. oil well <input type="checkbox"/> gas well <input checked="" type="checkbox"/> other <input type="checkbox"/>
2. NAME OF OPERATOR MOUNTAIN RESOURCE CORPORATION
3. ADDRESS OF OPERATOR P.O. Box 27444 - SLC, Utah 84127
4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17. below.) SW1/4SW1/4 Section 3 (950' FWL 660' AT SURFACE: FSL) AT TOP PROD. INTERVAL: AT TOTAL DEPTH:
16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:	SUBSEQUENT REPORT OF:
TEST WATER SHUT-OFF <input type="checkbox"/>	<input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	<input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	<input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	<input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	<input type="checkbox"/>
MULTIPLE COMPLETE <input type="checkbox"/>	<input type="checkbox"/>
CHANGE ZONES <input type="checkbox"/>	<input type="checkbox"/>
ABANDON* <input type="checkbox"/>	<input type="checkbox"/>
(other) <input type="checkbox"/>	<input type="checkbox"/>

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Awaiting pipeline construction

**CONFIDENTIAL
WELL STATUS**

RECEIVED
JAN 25 1984

**DIVISION OF
OIL, GAS & MINING**

Subsurface Safety Valve: Manu. and Type _____ Set @ _____ Ft.

18. I hereby certify that the foregoing is true and correct

SIGNED V LeRoy Hansen TITLE Vice President DATE 1/15/84

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
(FORM 9-329)
(2/76)
OMB 42-RO 356

MONTHLY REPORT
OF
OPERATIONS

Lease No. U-011246
Communitization Agreement No. N/A
Field Name Ferron Field
Unit Name Emery Area; Utah Case #7 Uint #41
Participating Area Unit #41 320 Acres
County Emery State Utah
Operator Mountain Resource Corporation
☐ Amended Report

The following is a correct report of operations and production (including status of all unplugged wells) for the month of December, 1983.

(See Reverse of Form for Instructions)

This report is required by law (30 U.S.C. 189, 30 U.S.C. 359, 25 U.S.C. 396 d), regulation (30 CFR 221.60), and the terms of the lease. Failure to report can result in the assessment of liquidated damages (30 CFR 221.54 (j)), shutting down operations, or basis for recommendation to cancel the lease and forfeit the bond (30 CFR 221.53).

Well No.	Sec. & 1/4 of 1/4	TWP	RNG	Well Status	Days Prod.	*Barrels of Oil	*MCF of Gas	*Barrels of Water	Remarks
Ferron MRC # 16	SW1/4 SW1/4 Sec #3	T21S	R7E	GSI	---	---	0	0	Awaiting pipeline connection

CONFIDENTIAL
WELL STATUS

RECEIVED
JAN 25 1984

DIVISION OF
OIL, GAS & MINING

*If none, so state.

DISPOSITION OF PRODUCTION (Lease, Participating Area, or Communitized Area basis)

	Oil & Condensate (BBLs)	Gas (MCF)	Water (BBLs)
*On hand, Start of Month	_____	XXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXX
*Produced	_____	_____	_____
*Sold	_____	_____	XXXXXXXXXXXXXXXXXX
*Spilled or Lost	_____	XXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXX
*Flared or Vented	XXXXXXXXXXXXXXXXXX	_____	XXXXXXXXXXXXXXXXXX
*Used on Lease	_____	_____	XXXXXXXXXXXXXXXXXX
*Injected	_____	_____	_____
*Surface Pits	XXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXX	_____
*Other (Identify)	_____	_____	_____
*On hand, End of Month	_____	XXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXX
*API Gravity/BTU Content	_____	_____	XXXXXXXXXXXXXXXXXX
Authorized Signature: <u>V. LeRoy Hansen</u>	Address: <u>P.O. Box 27444 - SLC, Utah 84127</u>		
Title: <u>Vice President</u>	Page <u>1</u> of <u>1</u>		

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE*

Form approved.
Budget Bureau No. 42-R355.

5. LEASE DESIGNATION AND SERIAL NO.

U-011246

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

N/A

7. UNIT AGREEMENT NAME

N/A

8. FARM OR LEASE NAME

Celsius-Mountain Resource

9. WELL NO.

Ferron - MRC #16

10. FIELD AND POOL, OR WILDCAT

Ferron Area

11. SEC., T., R., M., OR BLOCK AND SURVEY
OR AREA

Sec. 3, T21S, R7E, SLB&M

12. COUNTY OR
PARISH

Emery

13. STATE

Utah

19. ELEV. CASINGHEAD

6205 Ft.

23. INTERVALS DRILLED BY

1,030'

25. WAS DIRECTIONAL
SURVEY MADE

no

27. WAS WELL CORED

no

1a. TYPE OF WELL:

OIL WELL ☐ GAS WELL ☒ DRY ☐ Other ☐

b. TYPE OF COMPLETION:

NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other ☐

2. NAME OF OPERATOR

MOUNTAIN RESOURCE CORPORATION

3. ADDRESS OF OPERATOR

P.O. Box 27444, Salt Lake City, Utah 84127

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*

At surface SW1/4SW1/4 Section 3, (950' FWL, 660' FSL)

At top prod. interval reported below same as above

At total depth same as above

14. PERMIT NO.
43-015-30182DATE ISSUED
12/31/83

15. DATE SPUDDED

12/2/83

16. DATE T.D. REACHED

12/6/83

17. DATE COMPL. (Ready to prod.)

12/15/83

18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*

6205.2' GR

20. TOTAL DEPTH, MD & TVD

1,030 ft

21. PLUG, BACK T.D., MD & TVD

N/A

22. IF MULTIPLE COMPL.,
HOW MANY*

N/A

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*

978 ft. to 993 ft. ; Ferron Sandstone

26. TYPE ELECTRIC AND OTHER LOGS RUN Compensated neutron micro-siesmogram (CBL),
dual induction guard, computer analyzed logs

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
7" Ø	20 lbs/ft	148 ft	9 1/2"	40 sax - to surface	none
4 1/2" Ø	10.5 lbs/ft	1,025.10 ft	6 1/2"	35 sax - 500' below surface	none

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
-	-	-	-	-	2 3/8" Ø	973.11 ft	none

31. PERFORATION RECORD (Interval, size and number)

978-993 ft.; 0.440" (120° phase)
4 shots per foot

32. ACID, SHOT, FRAC, AND OTHER STIMULANT RECORD

DEPTH INTERVAL (MD)	AMOUNT OF MATERIAL USED
-	-

33.* PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)					WELL STATUS (Producing or shut-in)	
12/15/83		flowing					shut-in	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO	
1/11/84	24 hr	3/4"	→	---	639	-	-	
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)		
40 lbs	50 lbs	→	--	639	--	--		

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

shut-in waiting on pipeline hookup

TEST WITNESSED BY
V. LeRoy Hansen
C. Knight

35. LIST OF ATTACHMENTS

logs, geological well report

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED

V. LeRoy Hansen

TITLE

Vice President

DATE January 17, 1984

*(See Instructions and Spaces for Additional Data on Reverse Side)

INSTRUCTIONS

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

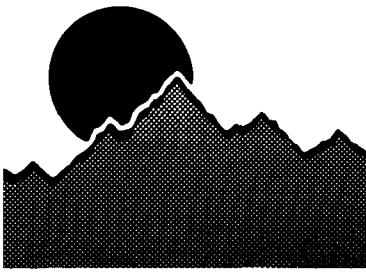
Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments. Items 22 and 24: If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Item 29: "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

Item 33: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

37. SUMMARY OF POROUS ZONES:			38. GEOLOGIC MARKERS				
FORMATION	TOP	BOTTOM	NAME	MEAS. DEPTH	TOP	THICKNESS	DEPTH
			BLUEGATE	SURFACE			
			FERRON	825			



**MOUNTAIN
RESOURCE
CORPORATION**

January 17, 1984

**CONFIDENTIAL
WELL STATUS**

Mr. Ronald J. Firth
Chief Petroleum Engineer
State of Utah Natural Resources
4241 State Office Building
Salt Lake City, Utah 84114

Dear Ron:

Enclosed is our completion report for our Ferron-MRC #16 Well located in the SW1/4SW1/4 of Section 3, Township 21 South, Range 7 East, S.L.B&M, Emery County, Utah.

I have also provided copies of our logs and a geological report. We have the well shut-in and are in the process of having it connected to Mountain Fuel Supply Companies pipeline.

If you have any questions, or require additional information please call me.

Thank you.

Sincerely,

MOUNTAIN RESOURCE CORPORATION

V. LeRoy Hansen
Vice President

RECEIVED
JAN 25 1984

VLH/ljt
Encl:

**DIVISION OF
OIL, GAS & MINING**

ORIGINAL
FILED
GEOLOGICAL WELL REPORT
PREPARED FOR
MOUNTAIN RESOURCE CORPORATION

FERRON - MRC # 16
SW $\frac{1}{4}$ SW $\frac{1}{4}$, Section 3, T 21 S, R 7 E
Emery County, Utah

PREPARED BY:

JOHN D. ADAMSON
3098 Metropolitan Way
Salt Lake City, Utah 84109

12 December 1983

RECEIVED
JAN 25 1984

DIVISION OF
OIL, GAS & MINING

WELL: FERRON - MRC #16
OPERATOR: Mountain Resources Corporation
DRILLING CONTRACTOR: Frontier Drilling, Inc.
LOCATION: SW $\frac{1}{4}$ SW $\frac{1}{4}$, section 3, Township 21 South, Range 7 East
COUNTY: Emery
STATE: Utah
ELEVATION: K.B. 6204', G.L. 6204'
COMMENCED DRILLING: December 2, 1983
CEASED DRILLING: December 6, 1983
CASING RECORD: 7" surface casing at 148'
TOTAL DEPTH: 1030'
DRILLING SUPERVISOR: Fred Jaeger, Roy Hansen
CORES: None
DRILL STEM TESTS: None
LOGS: Welex - Vernal, Utah
Engineer- Kraft
Dual Induction Guard Log
Compensated Density Neutron
Computer Analysed Log
Geologist Sample Log
800' to 1030' @ 10' Intervals
(Quality of samples - good)
HOLE DIFFICULTIES: None Reported
HOLE DEVIATION: None Reported
HOLE SIZE: 12 $\frac{1}{2}$ " surface to 148'
6 $\frac{1}{2}$ " to T.D.
STATUS: Set casing and cement, attempt completion

INTRODUCTION

The FERRON - MRC #16 well was drilled approximately $\frac{1}{4}$ mile north of the Ferron - MRC #2 gas well. Production associated with the Ferron Sandstone lies in a stratigraphic-structural trap and field development has been initiated by Mountain Resource Corporation. I arrived on location before, the top of the Ferron Sandstone member and logged 10' samples from 800' to T.D. All samples were examined by a binocular microscope and checked for fluorescence.

STRUCTURE

Surface maps and well control indicate an anticline trending north-south for approximately $6\frac{1}{2}$ miles. The high structural positions have produced gas and the FERRON - MRC #16 well lies on the crest of the anticline some 48' higher than the Ferron - MRC #2 producer.

STRATIGRAPHY

Drilling began in the Cretaceous mancos Shale Formation. Bentonite reported at 818' and siltstone reported at 820'-830' indicates the top of the Ferron Sandstone Member which was drilled to a total depth of 1030'. The sandstones, siltstones, coals and shales encountered represented a paleo deltaic shoreline environment. Facies changes occur from well to well.

OIL & GAS SHOWS

The first hydrocarbon show was reported as a gas flare from the flow line during the 900' drill pipe connection. Drilling continued with a flare until the hole was mudded up for safety reasons. The Compensated Density Neutron Log recorded "cross-overs" indicating potential gas zones. Fluorescence and a weak residual cut were found in samples but are not considered potential shows.

CONCLUSION

Examination of the logs, gas shows while drilling, and high structural position indicate a potential for gas production. Casing has been set to total depth and a completion attempt will be made.

WELL DATA

SYSTEM

FORMATION

DEPTH

Cretaceous

Mancos

Blue Gate Shale Member
Ferron Sandstone Member

Surface
820'

TOTAL DEPTH 1030'

SAMPLE DESCRIPTION

DEPTH (INFEET)

800-820	SHALE, dark gray, soft, fissile, calcareous, no fluorescence, BENTONITE, white, soft
820-830	SANDSTONE, medium gray, very fine grain to silt, sub-rounded, moderately sorted, loose grains, calcareous, trace black mineral, trace glauconite, no fluorescence, trace SHALE, as above
830-840	SANDSTONE, medium gray, very fine grain to silt, sub-rounded, moderately sorted, loose grains, calcareous, trace black mineral, no fluorescence, trace SHALE, dark gray, hard, blocky
840-850	SANDSTONE, as above, no fluorescence, trace SHALE, as above
850-860	SANDSTONE, medium gray, very fine grain to silt, sub-rounded, moderately sorted, loose grains, slightly calcareous, trace black mineral, no fluorescence, trace SHALE, dark gray, hard, blocky and fissile
860-870	SANDSTONE, medium light gray, very fine to fine grain, sub-rounded, poorly sorted, loose grains, calcareous, trace black mineral, no fluorescence
870-880	SANDSTONE, light gray, silt to fine grain, sub-rounded, poorly sorted, loose grains, calcareous, trace black mineral (less abundant than above), no fluorescence
880-890	SANDSTONE, as above, no fluorescence
890-900	SANDSTONE, light gray, very fine grain to silt, sub-rounded, poorly sorted, loose grains, calcareous, trace black mineral, no fluorescence

MUDDER UP

- 900-910 SHALE, dark gray, hard, fissile, calcareous, no fluorescence
SANDSTONE, medium light gray, very fine grain to silt, sub-rounded, moderately sorted, loose grains, calcareous, trace black mineral, trace iron stain, no fluorescence
- 910-920 SHALE, dark gray, soft, fissile, calcareous, no fluorescence
SANDSTONE, medium light gray, very fine to fine grained, sub-rounded, moderately sorted, friable, calcareous, trace black mineral, trace iron stain, no fluorescence, trace white mineral?, soft
- 920-930 SHALE, dark gray, moderately hard, fissile, calcareous, no fluorescence, trace SANDSTONE, as above, trace SILTSTONE, medium dark gray, soft, yellow fluorescence, no cut
- 930-940 SHALE, dark gray, hard, fissile, calcareous, no fluorescence, trace SANDSTONE, medium light gray, very fine to fine grain, sub-rounded, moderately sorted, friable, calcareous, trace black mineral, no fluorescence, trace white mineral?, soft
- 940-950 SANDSTONE, medium light gray, very fine to fine grain, sub-rounded, moderately sorted, loose grains, calcareous, trace black mineral, no fluorescence, SHALE, as above, trace COAL, black, hard, blocky
- 950-960 SANDSTONE, medium light gray, very fine to fine grain, sub-rounded, moderately sorted, friable, calcareous, trace black mineral, no fluorescence, SHALE, as above, trace SILTSTONE, light brownish gray, friable, calcareous, trace CALCITE
- 960-970 SANDSTONE, medium light gray, very fine to fine grain, sub-rounded, moderately sorted, friable, calcareous, trace black mineral, trace pyrite, no fluorescence, trace SHALE, medium dark gray, hard fissile, calcareous
- 970-980 SANDSTONE, medium light gray, very fine grain, sub-rounded, well sorted, loose grains, calcareous, trace black mineral, no fluorescence, trace SHALE, medium dark gray, hard, fissile, calcareous

980-990

SANDSTONE, medium light gray, very fine to fine grain, sub-rounded, moderately sorted, loose grains, calcareous, trace black mineral, no fluorescence, trace SHALE, as above

990-1000

SANDSTONE, medium light gray, very fine grain, sub-rounded, well sorted, loose grains, trace friable, slightly calcareous, trace black mineral, no fluorescence, trace SHALE, as above, trace SILTSTONE, medium gray, soft, calcareous, yellow fluorescence, weak residual cut

1000-1010

SHALE, medium dark gray, hard, fissile, calcareous, no fluorescence, SANDSTONE, medium light gray, very fine grain, sub-rounded, well sorted, friable, calcareous, trace black mineral, trace glauconite, no fluorescence, trace white mineral?, soft

1010-1020

SANDSTONE, medium light gray, very fine grain to silt, sub-rounded, moderately sorted, loose grains, calcareous, trace black mineral, no fluorescence, SHALE, as above

1020-1030

SHALE, medium dark gray, hard, fissile, calcareous, no fluorescence, SANDSTONE, as above, SILTSTONE, medium gray, soft, calcareous, no fluorescence

TOTAL DEPTH 1030'

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil ☐ well gas ☒ well ☒ other
2. NAME OF OPERATOR
MOUNTAIN RESOURCE CORPORATION
3. ADDRESS OF OPERATOR
P.O. Box 27444- SLC, Utah 84127
4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
SW1/4SW1/4 Section 3 (950' FWL
AT SURFACE: 660' FSL)
AT TOP PROD. INTERVAL:
AT TOTAL DEPTH:
16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:	SUBSEQUENT REPORT OF:
TEST WATER SHUT-OFF	<input type="checkbox"/>
FRACTURE TREAT	<input type="checkbox"/>
SHOOT OR ACIDIZE	<input type="checkbox"/>
REPAIR WELL	<input type="checkbox"/>
PULL OR ALTER CASING	<input type="checkbox"/>
MULTIPLE COMPLETE	<input type="checkbox"/>
CHANGE ZONES	<input type="checkbox"/>
ABANDON*	<input type="checkbox"/>
(other)	

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Awaiting Pipeline connection

CONFIDENTIAL
WELL STATUS

Subsurface Safety Valve: Manu. and Type _____ Set @ _____ Ft.

18. I hereby certify that the foregoing is true and correct

SIGNED LeRoy Hansen TITLE Vice President DATE 2/15/84

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for ~~well proposals~~.)

1. oil ☐ well gas ☒ well other ☐
2. NAME OF OPERATOR
Mountain Resource Corporation
3. ADDRESS OF OPERATOR
P.O. Box 27444 - SLC, Utah 84127
4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
SW1/4SW1/4 Section 3 (950' FWL 660' AT SURFACE: FSL)
AT TOP PROD. INTERVAL:
AT TOTAL DEPTH:

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:

TEST WATER SHUT-OFF ☐
FRACTURE TREAT ☐
SHOOT OR ACIDIZE ☐
REPAIR WELL ☐
PULL OR ALTER CASING ☐
MULTIPLE COMPLETE ☐
CHANGE ZONES ☐
ABANDON* ☐
(other) ☐

SUBSEQUENT REPORT OF:

☐
☐
☐
☐
☐
☐
☐
☐

5. LEASE
U-011246
6. IF INDIAN, ALLOTTEE OR TRIBE NAME
N/A
7. UNIT AGREEMENT NAME
N/A
8. FARM OR LEASE NAME
Celsius-Mountain Resource
9. WELL NO.
Ferron-MRC #16
10. FIELD OR WILDCAT NAME
Ferron Area
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec 3, T21S, R7E, SLB&M
12. COUNTY OR PARISH
Emery
13. STATE
Utah
14. API NO.
43-015-30182
15. ELEVATIONS (SHOW DF, KDB, AND WD)

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Awaiting pipeline

CONFIDENTIAL
WELL STATUS

Subsurface Safety Valve: Manu. and Type _____ Set @ _____ Ft.

18. I hereby certify that the foregoing is true and correct

SIGNED V LeRoy Hansen TITLE Vice President DATE 3/15/84

V LeRoy Hansen

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for ~~well proposals~~.)

1. oil ☐ well gas ☒ well other ☐
2. NAME OF OPERATOR
Mountain Resource Corporation
3. ADDRESS OF OPERATOR
P.O. Box 27444 - SLC, Utah 84127
4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
SW1/4SW1/4 Section 3 (950' FWL 660' AT SURFACE: FSL)
AT TOP PROD. INTERVAL:
AT TOTAL DEPTH:
16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:

TEST WATER SHUT-OFF ☐
FRACTURE TREAT ☐
SHOOT OR ACIDIZE ☐
REPAIR WELL ☐
PULL OR ALTER CASING ☐
MULTIPLE COMPLETE ☐
CHANGE ZONES ☐
ABANDON* ☐
(other) ☐

SUBSEQUENT REPORT OF:

☐
☐
☐
☐
☐
☐
☐
☐

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Awaiting pipeline connection

**CONFIDENTIAL
WELL STATUS**

Subsurface Safety Valve: Manu. and Type _____ Set @ _____ Ft.

18. I hereby certify that the foregoing is true and correct

SIGNED V. LeRoy Hansen TITLE Vice President DATE 4/15/84

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil ☐ well ☐ gas ☒ well ☐ other

2. NAME OF OPERATOR

Mountain Resource Corporation

3. ADDRESS OF OPERATOR

P.O. Box 27444 - SLC, Utah 84127

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)

AT SURFACE: SW1/4SW1/4 Section 3 (950' FWL)

AT TOP PROD. INTERVAL: 660; FSL)

AT TOTAL DEPTH:

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:

TEST WATER SHUT-OFF ☐
FRACTURE TREAT ☐
SHOOT OR ACIDIZE ☐
REPAIR WELL ☐
PULL OR ALTER CASING ☐
MULTIPLE COMPLETE ☐
CHANGE ZONES ☐
ABANDON* ☐
(other) ☐

SUBSEQUENT REPORT OF:

☐
☐
☐
☐
☐
☐
☐
☐
☐

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

UNDER PRODUCTION

**CONFIDENTIAL
WELL STATUS**

Subsurface Safety Valve: Manu. and Type _____ Set @ _____ Ft.

18. I hereby certify that the foregoing is true and correct

SIGNED Leroy Hansen

TITLE Vice President

DATE 5/24/84

(This space for Federal or State office use)

APPROVED BY _____

TITLE _____

DATE _____

CONDITIONS OF APPROVAL, IF ANY: _____

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for ~~well~~ proposals.)

1. oil ☐ well gas ☒ well other

2. NAME OF OPERATOR
Mountain Resource Corporation

3. ADDRESS OF OPERATOR
P.O. Box 27444 - SLC, Utah 84127

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: SW1/4SW1/4 Section 3 (950' FWL)
AT TOP PROD. INTERVAL: 660; FSL)
AT TOTAL DEPTH:

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:

SUBSEQUENT REPORT OF:

TEST WATER SHUT-OFF ☐
FRACTURE TREAT ☐
SHOOT OR ACIDIZE ☐
REPAIR WELL ☐
PULL OR ALTER CASING ☐
MULTIPLE COMPLETE ☐
CHANGE ZONES ☐
ABANDON* ☐
(other) ☐

☐
☐
☐
☐
☐
☐
☐
☐

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

UNDER PRODUCTION

**CONFIDENTIAL
WELL STATUS**

RECEIVED

JUN 21 1984

DIVISION OF OIL
GAS & MINING

Subsurface Safety Valve: Manu. and Type _____ Set @ _____ Ft.

18. I hereby certify that the foregoing is true and correct

SIGNED Lenny Hansen TITLE Vice President DATE 6/15/84

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for ~~well~~ proposals.)

1. oil ☐ well ☐ gas ☒ well ☐ other
2. NAME OF OPERATOR
Mountain Resource Corporation
3. ADDRESS OF OPERATOR
P.O. Box 27444 - SLC, Utah 84127
4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: SW1/4SW1/4 Section 3 (950' FWL)
AT TOP PROD. INTERVAL: 660; FSL)
AT TOTAL DEPTH:

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF	<input type="checkbox"/>		<input type="checkbox"/>
FRACTURE TREAT	<input type="checkbox"/>		<input type="checkbox"/>
SHOOT OR ACIDIZE	<input type="checkbox"/>		<input type="checkbox"/>
REPAIR WELL	<input type="checkbox"/>		<input type="checkbox"/>
PULL OR ALTER CASING	<input type="checkbox"/>		<input type="checkbox"/>
MULTIPLE COMPLETE	<input type="checkbox"/>		<input type="checkbox"/>
CHANGE ZONES	<input type="checkbox"/>		<input type="checkbox"/>
ABANDON*	<input type="checkbox"/>		<input type="checkbox"/>
(other)			

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

UNDER PRODUCTION

**CONFIDENTIAL
WELL STATUS**

Subsurface Safety Valve: Manu. and Type _____ Set @ _____ Ft.

18. I hereby certify that the foregoing is true and correct

SIGNED LeRoy Hansen TITLE Vice President DATE July 15, 1984

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

5. LEASE U-011246	
6. IF INDIAN, ALLOTTEE OR TRIBE NAME N/A	
7. UNIT AGREEMENT NAME N/A	
8. FARM OR LEASE NAME Celsius - Mountain Resource	
9. WELL NO. Ferron-MRC #16	
10. FIELD OR WILDCAT NAME Ferron Area	
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec 3 T21S, R7E, SLB&M	
12. COUNTY OR PARISH Emery	13. STATE Utah
14. API NO. 43-015-30182	
15. ELEVATIONS (SHOW DF, KDB, AND WD)	

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for ~~well proposals~~.)

1. oil ☐ well ☐ gas ☒ well ☒ other
2. NAME OF OPERATOR
Mountain Resource Corporation
3. ADDRESS OF OPERATOR
P.O. Box 27444 - SLC, Utah 84127
4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: SW1/4SW1/4 Section 3 (950' FWL)
AT TOP PROD. INTERVAL: 660; FSL)
AT TOTAL DEPTH:
16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:

- TEST WATER SHUT-OFF ☐
FRACTURE TREAT ☐
SHOOT OR ACIDIZE ☐
REPAIR WELL ☐
PULL OR ALTER CASING ☐
MULTIPLE COMPLETE ☐
CHANGE ZONES ☐
ABANDON* ☐
(other) ☐

SUBSEQUENT REPORT OF:

- ☐
☐
☐
☐
☐
☐
☐
☐
☐

5. LEASE
U-011246
6. IF INDIAN, ALLOTTEE OR TRIBE NAME
N/A
7. UNIT AGREEMENT NAME
N/A
8. FARM OR LEASE NAME
Celsius - Mountain Resource
9. WELL NO.
Ferron-MRC #16
10. FIELD OR WILDCAT NAME
Ferron Area
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec 3 T21S, R7E, SLB&M
12. COUNTY OR PARISH
Emery
13. STATE
Utah
14. API NO.
43-015-30182
15. ELEVATIONS (SHOW DF, KDB, AND WD)

(NOTE: Report results of multiple completion or zone change on Form 9-331.)

**CONFIDENTIAL
WELL STATUS**

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent facts, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

UNDER PRODUCTION

Subsurface Safety Valve: Manu. and Type _____ Set @ _____ Ft.

18. I hereby certify that the foregoing is true and correct

SIGNED LeRoy Hansen TITLE Vice President DATE 8/27/84

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for ~~well~~ proposals.)

1. oil well ☐ gas well ☒ other

2. NAME OF OPERATOR
Mountain Resource Corporation

3. ADDRESS OF OPERATOR
P.O. Box 27444 - SLC, Utah 84127

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: SW1/4SW1/4 Section 3 (950' FWL)
AT TOP PROD. INTERVAL: 660; FSL)
AT TOTAL DEPTH:

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:

TEST WATER SHUT-OFF ☐
FRACTURE TREAT ☐
SHOOT OR ACIDIZE ☐
REPAIR WELL ☐
PULL OR ALTER CASING ☐
MULTIPLE COMPLETE ☐
CHANGE ZONES ☐
ABANDON* ☐
(other) ☐

SUBSEQUENT REPORT OF:

☐
☐
☐
☐
☐
☐
☐
☐

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

UNDER PRODUCTION

RECEIVED

SEP 25 1984

DIVISION OF OIL
GAS & MINING

Subsurface Safety Valve: Manu. and Type _____ Set @ _____ Ft.

18. I hereby certify that the foregoing is true and correct

SIGNED LeRoy Hansen

TITLE Vice President

DATE 9/25/84

(This space for Federal or State office use)

APPROVED BY _____
CONDITIONS OF APPROVAL, IF ANY:

TITLE _____

DATE _____

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for ~~well proposals~~.)

1. oil ☐ well ☐ gas ☒ well ☐ other
2. NAME OF OPERATOR
Mountain Resource Corporation
3. ADDRESS OF OPERATOR
P.O. Box 27444 - SLC, Utah 84127
4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: SW1/4SW1/4 Section 3 (950' FWL)
AT TOP PROD. INTERVAL: 660; FSL)
AT TOTAL DEPTH:
16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:

- TEST WATER SHUT-OFF ☐
FRACTURE TREAT ☐
SHOOT OR ACIDIZE ☐
REPAIR WELL ☐
PULL OR ALTER CASING ☐
MULTIPLE COMPLETE ☐
CHANGE ZONES ☐
ABANDON* ☐
(other) ☐

SUBSEQUENT REPORT OF:

- ☐
☐
☐
☐
☐
☐
☐
☐

5. LEASE
U-011246
6. IF INDIAN, ALLOTTEE OR TRIBE NAME
N/A
7. UNIT AGREEMENT NAME
N/A
8. FARM OR LEASE NAME
Celsius - Mountain Resource
9. WELL NO.
Ferron-MRC #16
10. FIELD OR WILDCAT NAME
Ferron Area
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec 3 T21S, R7E, SLB&M
12. COUNTY OR PARISH
Emery
13. STATE
Utah
14. API NO.
43-015-30182
15. ELEVATIONS (SHOW DF, KDB, AND WD)

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Well did not produce due to gas market conditions.

Subsurface Safety Valve: Manu. and Type _____ Set @ _____ Ft.

18. I hereby certify that the foregoing is true and correct

SIGNED LeRoy Hansen TITLE Vice President DATE 8/5/85

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:



UTAH
NATURAL RESOURCES
Oil, Gas & Mining

355 West North Temple, 3 Triad Center, Suite 350, Salt Lake City, Ut
84180-1203. • (801-538-5340)

DOGM 56-64-2
an equal opportunity employee

Page 1 of 1

MONTHLY OIL AND GAS PRODUCTION REPORT

Operator name and address:

• MOUNTAIN RESOURCE CORP
P O BOX 27444
SALT LAKE CITY UT 84127
ATTN: LEROY HANSEN

Utah Account No. N7130

Report Period (Month/Year) 5 / 87

Amended Report ☐

Well Name				Producing Zone	Days Oper	Production Volume		
API Number	Entity	Location				Oil (BBL)	Gas (MSCF)	Water (BBL)
X FERRON MRC #12								
4301530154	08224	21S 07E 3		FRSD				
X FERRON MRC #16								
4301530182	08225	21S 07E 3		FRSD				
X FERRON MRC #18								
4301530186	08226	21S 07E 3		FRSD				
X FERRON MRC #17								
4301530185	08227	21S 07E 4		FRSD				
X FERRON MRC #2								
4301530107	08228	21S 07E 10		FRSD				
X FERRON MRC #19								
4301530190	08229	21S 07E 10		FRSD				
X FERRON MRC #20								
4301530189	08230	21S 07E 9		FRSD				
X FERRON MRC #22								
4301530209	10050	20S 07E 22		FRSD				
X FERRON MRC #27								
4301530216	10051	20S 07E 22		FRSD				
X FERRON MRC #21								
4301530208	10052	21S 07E 10		FRSD				
TOTAL								

Comments (attach separate sheet if necessary) _____

I have reviewed this report and certify the information to be accurate and complete.

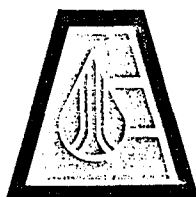
Date _____

Authorized signature _____

Telephone _____

PLEASE COMPLETE FORMS IN BLACK INK

072828



QUESTAR ENERGY COMPANY

A SUBSIDIARY OF
MOUNTAIN FUEL RESOURCES, INC.

79 SOUTH STATE STREET • P.O. BOX 11450 • SALT LAKE CITY, UTAH 84147 • PHONE (801) 530-2400

18185

RECEIVED

JUL 17 1987

MOUNTAIN
RESOURCE CORP.

July 15, 1987

RECEIVED
JUL 27 1987

DIVISION OF
OIL, GAS & MINING

Utah Natural Resources
Oil, Gas & Mining
355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180

Gentlemen:

Re: Ferron Field
Emery County, Utah


Please be advised that effective April 1, 1987, Questar Energy Company acquired Mountain Resource Corporation's interest in the Ferron Field Wells under the Agreement of Sale and Purchase dated June 9, 1987. This sale included the productive MRC Wells Nos. 2, 16, 18, 19, 20, 21, 22, and 27, and the non-productive MRC Wells Nos. 12 and 17. Questar Energy Company took over physical operation of the wells in June 1987.

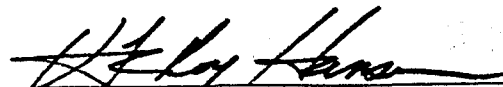
Any correspondence regarding these wells after April 1, 1987, should be directed to Questar Energy Company. If you require further information, please contact Mr. Jeff Stokes of Questar Energy Company at 530-2019.

Sincerely,

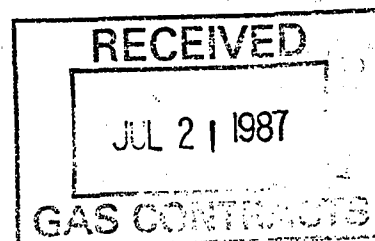
Questar Energy Company

Mountain Resource Corporation


J. J. Stokes
Director, Gas Acquisition


V. LeRoy Hansen
Vice President

JJS/ao





The State of Texas

SECRETARY OF STATE CERTIFICATE OF MERGER

UNIVERSAL RESOURCES CORPORATION

The undersigned, as Secretary of State of the State of Texas, hereby certifies that Articles of Merger of

QUESTAR ENERGY, INC.
(A UTAH NO PERMIT CORPORATION)

INTO

UNIVERSAL RESOURCES CORPORATION
(A TEXAS CORPORATION)

duly signed pursuant to the provisions of the Texas Business Corporation Act, have been received in this office and are found to conform to law.

ACCORDINGLY, the undersigned, as such Secretary of State, and by virtue of the authority vested in the Secretary by law, hereby issues this Certificate of Merger and attaches hereto a copy of the Articles of Merger.

Dated JANUARY 31, 1990.

Effective date JANUARY 31, 1990.



Gary S. Bayard Jr.
Secretary of State



FIREMAN'S FUND
INSURANCE COMPANIES

RIDER

To be attached to and form part of Bond No. SL6255033 (Oil & Gas Well Drilling Bond)

in favor of State of Utah

It is agreed that:

1. The Underwriter gives its consent to the change of the Name or Principal Address of the Insured from

Wexpro Company and Celsius Energy Company and Questar Energy Company

to

Wexpro Company and Celsius Energy Company and Universal Resources Corporation

PROVIDED, however, that the liability of the Underwriter under the attached bond and under the attached bond as changed by this rider shall not be cumulative.

2. This rider is effective as of noon on June 25, 1991

Names of Old Insureds:

Wexpro Company

The American Insurance Company

BY: [Signature] title 207

[Signature]
Authorized Agent
Gary W. Manville Attorney-in-Fact.

Celsius Energy Company

New Names of Insureds:

By: [Signature] title 207

Wexpro Company title 207

Questar Energy Company by Universal Resources Corp.

BY: [Signature]

By: [Signature] title 207

Celsius Energy Company title 207

BY: [Signature] title

Universal Resources Corporation

BY: [Signature] title 207

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE
(Other instructions
verse side)

Form approved.
Budget Bureau No. 1004-0135
Expires August 31, 1985

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER		5. LEASE DESIGNATION AND SERIAL NO. U-011246	
2. NAME OF OPERATOR Questar Energy Company		6. IF INDIAN, ALLOTTEE OR TRIBE NAME ---	
3. ADDRESS OF OPERATOR P. O. Box 11450; Salt Lake City, UT 84147		7. UNIT AGREEMENT NAME ---	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface Section 3, T21S, R7E		8. FARM OR LEASE NAME Ferron	
14. PERMIT NO. API 43 015 30182		9. WELL NO. MRC #16	
15. ELEVATIONS (Show whether DF, RT, GR, etc.)		10. FIELD AND POOL, OR WILDCAT Ferron Field	
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 3, T21S, R7E	
		12. COUNTY OR PARISH Emery	
		13. STATE Utah	

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

SUBSEQUENT REPORT OF:

TEST WATER SHUT-OFF	<input type="checkbox"/>	PULL OR ALTER CASING	<input type="checkbox"/>
FRACTURE TREAT	<input type="checkbox"/>	MULTIPLE COMPLETE	<input type="checkbox"/>
SHOOT OR ACIDIZE	<input type="checkbox"/>	ABANDON*	<input type="checkbox"/>
REPAIR WELL	<input type="checkbox"/>	CHANGE PLANS	<input type="checkbox"/>
(Other)	<input type="checkbox"/>		

WATER SHUT-OFF	<input type="checkbox"/>	REPAIRING WELL	<input type="checkbox"/>
FRACTURE TREATMENT	<input type="checkbox"/>	ALTERING CASING	<input type="checkbox"/>
SHOOTING OR ACIDIZING	<input type="checkbox"/>	ABANDONMENT*	<input type="checkbox"/>
(Other)	<input checked="" type="checkbox"/>	CHANGE OF OPERATOR	<input checked="" type="checkbox"/>

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Questar Energy Company has merged with an affiliated company (Universal Resources Corporation) and requests that BLM files and records be changed to reflect the following change of operator:

UNIVERSAL RESOURCES CORPORATION
P. O. Box 11070
Salt Lake City, UT 84147
(801) 530-2600

Universal Resources Corporation will be responsible under the terms and conditions of this lease for the operations conducted on the leased lands or portions thereof under BLM Bond No. ES 0019.

Effective date should be January 1, 1991.

RECEIVED
MAR 04 1991

DIVISION OF
OIL, GAS & MINING

18. I hereby certify that the foregoing is true and correct

SIGNED

M. B. McGinley

TITLE

M. B. McGinley
Vice President - Marketing

DATE

3/1/91

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

**FRED A. MORETON & COMPANY**

INSURANCE — SURETY BONDS — EMPLOYEE BENEFITS

May 10, 1991

RECEIVED

MAY 23 1991

Utah State Division of
Oil Gas & Mining
355 West North Temple
Three Triad Center, Suite 350
Salt Lake City, Utah 84180

DIVISION OF
OIL GAS & MINING

RE: Wexpro Co., Celsius Energy Co. & Questar Energy Co.
\$80,000 Blanket Oil & Gas Well Drilling Bond
Bond SL6255033

Gentlemen:

Enclosed is a rider on the captioned bond changing Questar Energy Company to Universal Resources Corporation as Questar Energy merged into Universal Resources January 31, 1990. (copy of merger enclosed). Please attach the rider to the bond on file.

If there are any problems with the rider, please contact our office direct.

Sincerely,

Sharron Rushton

cc: Garry Liston
Wexpro Co. et al

P.S. Please forward acknowledgment of acceptance to our office at the address below.

RECEIVED

MAY 16 1991

QUESTAR CORPORATION
LEGAL DEPT. SALT LAKE

Assurex
INTERNATIONAL

649 EAST SOUTH TEMPLE, P.O. BOX 58139, SALT LAKE CITY, UTAH 84158-0139

Telephone: (801) 531-1234 • Easylink: (USA) 62879947 • TWX: (Internat'l.) 5101004903 • Fax: (801) 531-6117

AFFIDAVIT OF QUALIFICATION
FOR SURETY COMPANIESSTATE OF UTAH }
COUNTY OF SALT LAKE } SS

..... Gary W. Manville BEING FIRST DULY SWORN, ON OATH DE-
POSES AND SAYS THAT HE IS THE ATTORNEY-IN-FACT OF SAID COMPANY,
(OFFICER OR AGENT)
AND THAT HE IS DULY AUTHORIZED TO EXECUTE AND DELIVER THE
FOREGOING OBLIGATIONS: THAT SAID COMPANY IS AUTHORIZED TO EXE-
CUTE THE SAME AND HAS COMPLIED IN ALL RESPECTS WITH THE LAWS OF
UTAH IN REFERENCE TO BECOMING SOLE SURETY UPON BONDS, UNDER-
TAKINGS AND OBLIGATIONS.

SUBSCRIBED AND SWORN TO BE-
FORE ME, THIS 25th DAY OF
June, A.D., 19 91

Sharron Rushton
(SIGNATURE OF NOTARY PUBLIC)

(SEAL) Sharron Rushton
MY COMMISSION EXPIRES:

July 1, 1991

649 East South Temple
Salt Lake City, Utah 84102

Gary W. Manville
(SIGNATURE OF OFFICER OR AGENT)

649 East South Temple
Salt Lake City, Utah 84102
(RESIDENCE)

(SURETY SEAL)

(THIS FORM REQUIRED TO BE FILLED
OUT BY SECTION 31-24-3, UCA 1953)

Division of Oil, Gas and Mining
OPERATOR CHANGE WORKSHEET

Routing:

1-UCR	<input checked="" type="checkbox"/>
2-DTS	<input checked="" type="checkbox"/>
3-VLC	<input checked="" type="checkbox"/>
4-RJF	<input checked="" type="checkbox"/>
5-RWM	<input checked="" type="checkbox"/>
6-LCR	<input checked="" type="checkbox"/>

Attach all documentation received by the division regarding this change.
 Initial each listed item when completed. Write N/A if item is not applicable.

☒ Change of Operator (well sold) ☐ Designation of Agent
☐ Designation of Operator ☐ Operator Name Change Only

The operator of the well(s) listed below has changed (EFFECTIVE DATE: 1-1-91)

TO (new operator)	<u>UNIVERSAL RESOURCES CORP.</u>	FROM (former operator)	<u>QUESTAR ENERGY COMPANY</u>
(address)	<u>P. O. BOX 11070</u>	(address)	<u>P. O. BOX 11070</u>
	<u>SALT LAKE CITY, UT 84147</u>		<u>SALT LAKE CITY, UT 84147</u>
	<u>M. B. MCGINLEY</u>		<u>M. B. MCGINLEY</u>
	<u>phone (801) 530-2600</u>		<u>phone (801) 530-2019</u>
	<u>account no. N7500 (Added 6-26-91)</u>		<u>account no. N 8185</u>

Well(s) (attach additional page if needed):

Name: FERRON MRC #16/FRSD	API: 4301530182	Entity: 8225	Sec 3 Twp 21S Rng 7E	Lease Type: U-011246
Name: FERRON MRC #18/FRSD	API: 4301530186	Entity: 8226	Sec 3 Twp 21S Rng 7E	Lease Type: U-011246
Name: FERRON MRC #22/FRSD	API: 4301530209	Entity: 10050	Sec 22 Twp 20S Rng 7E	Lease Type: ML-4643
Name: FERRON MRC #20/FRSD	API: 4301530189	Entity: 8230	Sec 9 Twp 21S Rng 7E	Lease Type: FEE
Name: FERRON MRC #27/FRSD	API: 4301530216	Entity: 10051	Sec 22 Twp 20S Rng 7E	Lease Type: FEE
Name: FERRON MRC #2/FRSD	API: 4301530107	Entity: 8228	Sec 10 Twp 21S Rng 7E	Lease Type: FEE
Name: FERRON MRC #21/FRSD	API: 4301530208	Entity: 10052	Sec 10 Twp 21S Rng 7E	Lease Type: FEE
FERRON MRC #19/FRSD	4301530190	8229	10 21S 7E	FEE

OPERATOR CHANGE DOCUMENTATION

****QUESTAR ENERGY & UNIVERSAL RESOURCES/ONE IN THE SAME CO.**

- 1 1. (Rule R615-8-10) Sundry or other legal documentation has been received from former operator (Attach to this form). (3-4-91)(5-23-91)
- 2 2. (Rule R615-8-10) Sundry or other legal documentation has been received from new operator (Attach to this form). (3-4-91)(5-23-91)
- 3 3. The Department of Commerce has been contacted if the new operator above is not currently operating any wells in Utah. Is company registered with the state? (yes/no) yes If yes, show company file number: #070436.
- 4 4. (For Indian and Federal Wells ONLY) The BLM has been contacted regarding this change (attach Telephone Documentation Form to this report). Make note of BLM status in comments section of this form. Management review of **Federal and Indian** well operator changes should take place prior to completion of steps 5 through 9 below.
- 5 5. Changes have been entered in the Oil and Gas Information System (Wang/IBM) for each well listed above. (7-2-91)
- 6 6. Cardex file has been updated for each well listed above.
- 7 7. Well file labels have been updated for each well listed above.
- 8 8. Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to State Lands and the Tax Commission.
- 9 9. A folder has been set up for the Operator Change file, and a copy of this page has been placed there for reference during routing and processing of the original documents.

ENTITY REVIEW

1. (Rule R615-8-7) Entity assignments have been reviewed for all wells listed above. Were entity changes made? (yes/no) NO (If entity assignments were changed, attach copies of Form 6, Entity Action Form).
2. State Lands and the Tax Commission have been notified through normal procedures of entity changes.

BOND VERIFICATION (Fee wells only)

1. (Rule R615-3-1) The new operator of any fee lease well listed above has furnished a proper bond. *Bond rider received 5-23-91 "Questar to Universal Resources Corp. eff. 6-25-91."*
2. A copy of this form has been placed in the new and former operators' bond files.
3. The former operator has requested a release of liability from their bond (yes/no) No. Today's date 7/8/91 1991. If yes, division response was made by letter dated 7/8/91 1991.

LEASE INTEREST OWNER NOTIFICATION RESPONSIBILITY

1. (Rule R615-2-10) The former operator/lessee of any fee lease well listed above has been notified by letter dated 7/8/91 1991, of their responsibility to notify any person with an interest in such lease of the change of operator. Documentation of such notification has been requested.
2. Copies of documents have been sent to State Lands for changes involving State leases.

FILED

1. All attachments to this form have been microfilmed. Date: July 10 1991.

FILED

1. Copies of all attachments to this form have been filed in each well file.
2. The original of this form and the original attachments have been filed in the Operator Change file.

COMMENTS

- 910306 m.B. McKinley / Universal & Questar - Co. Name is Universal Resources Inc. not Corp. Also, requested letter from DOBM, stating bond rider is required to use current bond.
- 910311 Btm / moab Have received dec. "unsure if it is a op. chg. or merger". Will call when approved.
- 910523 Bond rider received "Universal Resources Corporation" eff. 6-25-91.
- 711/34-35 Btm / moab still Questar. Btm / S.Y. Approved merger eff. 4-2-91.
- 910702



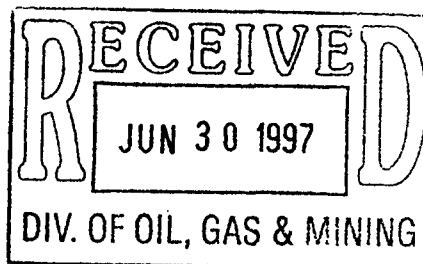
QUESTAR ENERGY COMPANY

a division of Universal Resources Corporation

1331 SEVENTEENTH STREET, SUITE 300 • DENVER, COLORADO 80202 • PHONE (303) 672-6960 • FAX (303) 672-6990

June 16, 1997

Leesha Cordova
Utah Division of Oil, Gas & Mining
355 West North Temple, Suite 350
Salt Lake City, UT 84180-1203



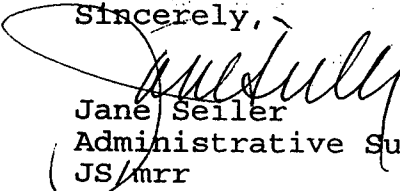
Dear Ms. Cordova:

As we discussed the other day, Universal Resources Corporation has resigned as operator of the following wells:

<u>Well</u>	<u>Location</u>	<u>API #</u>
Singleton Fee 23-14	Section 14, T20S, R7E	43-015-15668
Ralph's Fee 41-9	Section 9, T21S, R7E	43-015-15667
Behling Fee 41-22	Section 22, T20S, R7E	43-015-15663
✓ Government 1-4	Section 4, T21S, R7E	43-015-15666
✓ Ferron Unit 12-3	Section 3, T21S, R7E	43-015-15665
SE Flank 1-28	Section 28, T15S, R22E	43-047-30126
✓ Ferron MRC 16	Section 3, T21S, R7E	43-015-30182
Ferron MRC 18	Section 3, T21S, R7E	43-015-30186
Ferron MRC 19	Section 10, T21S, R7E	43-015-30190
Ferron MRC 20	Section 9, T21S, R7E	43-015-30189
✓ Ferron MRC 22	Section 22, T20S, R7E	43-015-30209
Ferron MRC 27	Section 22, T20S, R7E	43-015-30216
Ferron MRC 21	Section 10, T21S, R7E	43-015-30208
✓ Conover State 1-22	Section 22, T20S, R7E	43-015-15669

Celsius Energy Company will be taking over operations of the wells effective January 1, 1997. If you have any questions, please call me at 303-672-6970.

Sincerely,


Jane Seiler
Administrative Supervisor
JS/mrr



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Utah State Office
P.O. Box 45155
Salt Lake City, UT 84145-0155

In Reply Refer To:
3106
SL-026100A
(UT-932)

JUN 29 1999

NOTICE

Questar Exploration and Production Co.
1331 Seventeenth Street, Suite 800
Denver, CO 80202

Oil and Gas

Merger Recognized Name Change Recognized

Acceptable evidence has been filed in this office concerning the merger of Celsius Energy Company into Questar Exploration and Production Company with Questar Exploration Company being the surviving entity.

Acceptable evidence has been received in this office concerning the change of name of Universal Resources Corporation to Questar Exploration and Production Company on Federal oil and gas leases.

For our purposes the merger is recognized effective April 9, 1999, and the name change is recognized effective March 26, 1999.

The oil and gas lease files identified on the enclosed exhibits have been noted as to the merger and name change. The exhibits were compiled from lists supplied by Questar Exploration and Production Company. We have not adjudicated the case files to determine if the entities affected by the merger and name change hold an interest in the leases identified, nor have we attempted to identify leases where the entities are the operator on the ground, maintaining no vested record title or operating rights interest. We are notifying the Minerals Management Service and all applicable BLM offices of the merger and name change by a copy of this notice. If additional documentation for a change of operator are required by our Field Offices, you will be contacted by them.

By recognition of the merger and the name change the principal on bonds held by Celsius and Universal are automatically changed to Questar Exploration and Production Company. Nationwide bond ES 0019 is providing coverage for Questar Exploration and Production Company.

/s/ Robert Lopez

Robert Lopez
Group Leader,
Minerals Adjudication Group

Enclosures

1. Universal Exhibit of Leases
2. Celsius Exhibit of Leases

cc: Moab Field Office
Vernal Field Office
MMS-Reference Data Branch, MS 3130, P.O. Box 5860, Denver, CO 80217
State of Utah, DOGM, Attn: Kristen Risbeck (Ste. 1210) Box 145801, SLC, UT 84114-5801
Irene Anderson (UT-932)
Teresa Thompson (UT-931)

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		3. LEASE DESIGNATION AND SERIAL NO. 01005 U-D11246
2. NAME OF OPERATOR QUESTAR EXPLORATION AND PRODUCTION COMPANY		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
3. ADDRESS OF OPERATOR 1331 - 17th Street, Suite 800, Denver, CO 80202		7. UNIT AGREEMENT NAME
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface		8. FARM OR LEASE NAME Ferron Unit
14. PERMIT NO. 4301515665		9. WELL NO. 12-3
15. ELEVATIONS (Show whether OF, RT, OR, etc.)		10. FIELD AND FOOT, OR WILDCAT Ferron
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA 3-T21S-R7E
		12. COUNTY OR PARISH Emery
		13. STATE UT

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF ☐FRACTURE TREAT ☐SHOOT OR ACIDIZE ☐REPAIR WELL ☐(Other) ☐PULL OR ALTER CASING ☐MULTIPLE COMPLETE ☐ABANDON* ☐CHANGE PLANS ☐

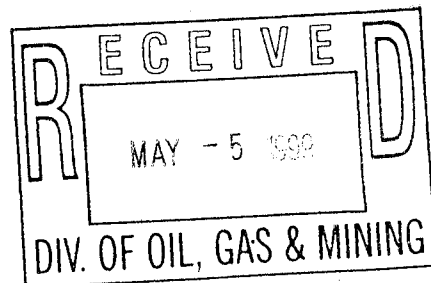
SUBSEQUENT REPORT OF:

WATER SHUT-OFF ☐FRACTURE TREATMENT ☐SHOOTING OR ACIDIZING ☐(Other) CHANGE OF OPERATOR NAME ☒REPAIRING WELL ☐ALTERING CASING ☐ABANDONMENT* ☐

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Effective April 1, 1999, Celsius Energy Company has merged into Questar Exploration and Production Company. Merger documentation and bond information will be filed with the Utah Division of Oil, Gas & Mining by Questar Corporate offices. Questar Exploration and Production will be responsible for compliance under the lease terms and conditions for that portion of the lease associated with this notice as of April 1, 1999.



18. I hereby certify that the foregoing is true and correct

SIGNED Jane Seiler TITLE Admin. Supervisor DATE 4-12-99

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

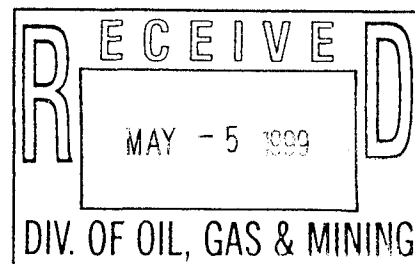
1. OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. 00005 <u>U-011246</u>
2. NAME OF OPERATOR QUESTAR EXPLORATION AND PRODUCTION COMPANY		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
3. ADDRESS OF OPERATOR 1331 - 17th Street, Suite 800, Denver, CO 80202		7. UNIT AGREEMENT NAME
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface		8. FARM OR LEASE NAME Ferron MRC
14. PERMIT NO. 4301530182		9. WELL NO. 16
15. ELEVATIONS (Show whether OF, AT, OR, etc.)		10. FIELD AND POOL, OR WILDCAT Ferron
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA 3-T21S-R7E
		12. COUNTY OR PARISH 13. STATE

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <u>CHANGE OF OPERATOR NAME</u> <input checked="" type="checkbox"/>	
(Other) <input type="checkbox"/>		(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)	

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.) *

Effective April 1, 1999, Celsius Energy Company has merged into Questar Exploration and Production Company. Merger documentation and bond information will be filed with the Utah Division of Oil, Gas & Mining by Questar Corporate offices. Questar Exploration and Production will be responsible for compliance under the lease terms and conditions for that portion of the lease associated with this notice as of April 1, 1999.



18. I hereby certify that the foregoing is true and correct

SIGNED Jane Seiler TITLE Admin. Supervisor DATE 4-12-99

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

OPERATOR CHANGE WORKSHEET

Check each listed item when completed. Write N/A if item is not applicable.

ROUTING:

1- CDW	4-KAS ✓
2- CDW ✓	5-SJ
3-JLT ✓	6-FILE

- Change of Operator (Well Sold) ☐ Designation of Agent
- ☐ Operator Name Change Only ☒ Merger

The operator of the well(s) listed below has changed, effective: 4-1-99

TO:(New Operator) QUESTAR EXPL & PROD CO

Address: 1331 17TH ST. STE 800

DENVER, CO 80202-1559

JANE SEILER

Phone: 1-(303) 672-6970

Account No. N5085

FROM:(Old Operator) CELSIUS ENERGY COMPANY

Address: 1331 17TH ST. STE 800

DENVER, CO 80202-1559

JANE SEILER

Phone: 1-(303)-672-6970

Account No. N4850

WELL(S): CA No. NW-155 or Unit

Name: <u>FERRON UNIT 12-3</u>	API: <u>43-015-15665</u>	Entity: <u>1055</u>	S	3	T	21S	R	07E	Lease: <u>U-011246</u>
Name: <u>MRC 16</u>	API: <u>43-015-30182</u>	Entity: <u>8225</u>	S	3	T	21S	R	07E	Lease: <u>U-011246</u>
Name: _____	API: _____	Entity: _____	S		T		R		Lease: _____
Name: _____	API: _____	Entity: _____	S		T		R		Lease: _____
Name: _____	API: _____	Entity: _____	S		T		R		Lease: _____
Name: _____	API: _____	Entity: _____	S		T		R		Lease: _____
Name: _____	API: _____	Entity: _____	S		T		R		Lease: _____

OPERATOR CHANGE DOCUMENTATION

- YES 1. Has new operator change been logged in?
- YES 2. (R649-8-10) Sundry or other legal documentation has been received from the FORMER operator on 6-30-97.
- YES 3. (R649-8-10) Sundry or other legal documentation has been received from the NEW operator on 5-5-99.
- YES 4. The new company has been looked up in the Department of Commerce, Division of Corporations Database if the new operator above is not currently operating any wells in Utah. Is the operator registered with the State?
Yes/No If yes, the company file number is 091212, Division letter was mailed to the new operator on _____.
- YES 5. Federal and Indian Lease Wells. The BLM or the BIA has approved the merger, name change or operator change for all wells listed above involving Federal or Indian leases on 4-9-99.
- YES 6. Federal and Indian Units. The BLM or the BIA has approved the successor of unit operator for all wells listed above involving unit operations on 4-9-99.
- YES 7. Federal and Indian Communitization Agreements ("CA"). The BLM or the BIA has approved the operator change for all wells listed above involved in the CA on 4-9-99.

-OVER-

N/A 8. **Underground Injection Control (“UIC”) Program.** The Division has approved UIC Form 5, Transfer of Authority to Inject, for the enhanced/secondary recovery unit/project and/or for the water disposal well(s) listed above.

YES 9. Changes have been entered in the Oil and Gas Information System for each well listed on 4-13-00.

YES 10. Changes have been included on the **Monthly Operator Change** letter on 4-13-00

STATE BOND VERIFICATION

N/A 1. State Well(s) covered by Bond No. _____

FEE WELLS - BOND VERIFICATION / LEASE INTEREST OWNER NOTIFICATION

N/A 1. (R649-3-1) The **NEW** operator of any fee lease well(s) listed above has furnished a proper bond.

N/A 2. A copy of this form has been placed in the new and former operator's bond files on _____.

N/A 3. The **FORMER** operator has requested a release of liability from their bond as of todays date _____.? If yes, Division response was made to this request by letter dated _____. (see bond file).

N/A 4. (R649-2-10) The Former operator of any Fee lease wells listed above has been contacted and informed by letter dated _____, of their responsibility to notify all interest owners of this change.

FILMING

✓ 1. All attachments to this form have been microfilmed on 6-1-00 ³⁻²⁶⁻⁰⁰

FILING

_____ 1. **Originals/Copies** of all attachments pertaining to each individual well have been filed in each well file.

 2. **The original of this form** has been filed in the operator file and a copy in the old operator file.

COMMENTS

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER: See Exhibit A
2. NAME OF OPERATOR: COASTAL PLAINS ENERGY, INC.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: NA
3. ADDRESS OF OPERATOR: See Address Below CITY Fort Worth STATE TX ZIP 76102		7. UNIT or CA AGREEMENT NAME: NA
4. LOCATION OF WELL FOOTAGES AT SURFACE: See Exhibit A		8. WELL NAME and NUMBER: See Exhibit A
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: See Exh A		9. API NUMBER: Exhibit A
		10. FIELD AND POOL, OR WILDCAT: Ferron
		COUNTY: Emery
		STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA			
TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: Change of Operator
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Questar Exploration and Production Company, 1331 17th Street, Suite 800, Denver, CO 80202, (303) 672-6960, hereby resigns effective May 1, 2002.

QUESTAR EXPLORATION AND PRODUCTION COMPANY

NAME (Please Print) Gary L. Nordlon

TITLE President

SIGNATURE 

DATE 4/30/02

Please be advised that effective May 1, 2002, Coastal Plains Energy, Inc., 500 West Seventh ^{St.} Avenue, Suite 501, Fort Worth, TX 76102, (817) 336-1742, has assumed the operatorship of the wells described on Exhibit A attached hereto and made a part hereof. Coastal Plains Energy, Inc. is now responsible under the terms and conditions of the lease for the operations conducted upon the lease lands. Bond coverage for the lease activities is provided by _____

COASTAL PLAINS ENERGY, INC.

NAME (PLEASE PRINT) Fred N. Reynolds

TITLE Vice-President

SIGNATURE 

DATE 5/8/02

(This space for State use only)

RECEIVED

JUN 07 2002

DIVISION OF
OIL, GAS AND MINING

EXHIBIT A

Attached to and made a part of that certain Form 9, dated effective May 1, 2002, by
QUESTAR EXPLORATION and PRODUCTION COMPANY
and COASTAL PLAINS ENERGY, INC.

Box 4 <u>Footages at Surface</u>	Box 4 <u>Q/Q/Sec/T/R/M</u>	Box 5 <u>Lease Designation & Serial #</u>	Box 8 <u>Well Name and Number</u>	Box 9 <u>API Number</u>
544' FNL, 952' FEL	NENE Sec. 22-T20S-R7E, SLM	Fee 01045	Behling Fee 41-22	43-015-15663
2022' FSL, 1992' FWL	NESW Sec. 22-T20S-R7E, SLM	State of Utah ML-4643	Conover State 1-22	43-015-15669
1980' FSL, 660' FWL	NWSW Sec. 10-T21-SR7E, SLM	Fee 08229	Ferron MRC 19	43-015-30190
1980' FSL, 660' FEL	NESE Sec. 9-T21S-R7E, SLM	Fee 08230	Ferron MRC 20	43-015-30189
600' FNL, 2260' FEL	NWNE Sec. 10-T21S-R7E, SLM	Fee 10052	Ferron MRC 21	43-015-30208
1980' FSL, 1980' FEL	NWSE Sec. 22-T20S-R7E, SLM	State of Utah ML-4643 10050	Ferron MRC 22	43-015-30209
2590' FNL, 2601' FWL	SENE Sec. 22-T20S-R7E, SLM	Fee 10051	Ferron MRC 27	43-015-30216
560' FNL, 660' FEL	NENE Sec. 9-T21S-R7E, SLM	Fee 01040	Ralph's Fee 41-9	43-015-15667
1980' FSL, 1983' FWL	NESW Sec. 14-T20S-R7E, SLM	Fee 01035	Singleton Fee 23-14	43-015-15668
1980' FNL 660' FWL	SWNW Sec. 3-T21S-R7E, SLM	CA NW 155	Ferron Unit #12-3	43-015-15665
660' FWL, 660' FEL	SESE Sec. 4-T21S-R7E, SLM	CA 14-08-0001-7771	Government 1-4	43-015-15666
660' FSL, 950' FWL	SW/SW Sec. 3-T21S-R7E SLM	NW 155	MRC 16	43-015-30182
660' FSL, 1980' FEL	SW/SE Sec. 3-T21S-R7E SLM		MRC 18	43-015-30186

RECEIVED

JUN 07 2002

DIVISION OF
OIL, GAS AND MINING



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Utah State Office
P.O. Box 45155
Salt Lake City, UT 84145-0155

IN REPLY REFER TO
UT-922

June 18, 2002

Coastal Plains Energy, Inc.
Suite 501
500 West 7th Street, Unit 37
Fort Worth, Texas 76102-4774

Re: Successor of Operator
Communitization Agreement (CA)
NW-155
Emery County, Utah

Gentlemen:

We received an indenture dated January 1, 2002, whereby Questar Exploration and Production Company resigned as Operator and Coastal Plains Energy, Inc. was designated as Operator for CA NW-155, Emery County, Utah.

This indenture was executed by all required parties. The instrument is hereby approved effective June 18, 2002. In approving this designation, the Authorized Officer neither warrants nor certifies that the designated party has obtained all required approval that would entitle it to conduct operations under CA NW-155.

Your statewide (Utah) oil and gas bond No. 1264 will be used to cover CA operations.

Please advise all interested parties of the change in operator. Copies of the approved instruments are being distributed to the appropriate federal offices, with one copy returned herewith.

Sincerely,

/s/ Robert A. Henricks

Robert A. Henricks
Chief, Branch of Fluid Minerals

Enclosure

bcc: Field Manager - Moab (w/enclosure)
Division Oil, Gas, & Mining
File - NW-155 (w/enclosure)
Agr. Sec. Chron
Fluid Chron

UT922:TATHOMPSON:tt:6/18/02

Results of query for MMS Account Number NW155

Production	API Number	Operator	Well Name	Well Status	Lease or CA Number	Inspection Item	Township	Range	Section	Q
<u>Production</u>	<u>4301515665</u>	QUESTAR EXPLORATION & PROD CO	12-3 FERRON UNIT	PGW	UTU011246*CEL	NW155	21S	7E	3	S\
<u>Production</u>	<u>4301530182</u>	QUESTAR EXPLORATION & PROD CO	16 FERRON-MRC	PGW	UTU011246*CEL	NW155	21S	7E	3	S\

DISCLAIMER for online data: No warranty is made by the BLM for use of the data for purposes not intended by the BLM.

OPERATOR CHANGE WORKSHEET

ROUTING

1. GLH

2. CDW ✓

3. FILE

X Change of Operator (Well Sold)

Designation of Agent

Operator Name Change

Merger

The operator of the well(s) listed below has changed, effective: **05-01-2002**

FROM: (Old Operator):	TO: (New Operator):
QUESTAR EXPLORATION & PRODUCTION CO	COASTAL PLAINS ENERGY INC
Address: 1331 17TH STREET, STE 800	Address: 500 WEST SEVENTH ST, STE 501
DENVER, CO 80202	FORT WORTH, TX 76102
Phone: 1-(303)-672-6960	Phone: 1-(817)-336-1742
Account No. N5085	Account No. N2170

CA No.

Unit:

WELL(S)

NAME	SEC TWN RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
FERRON UNIT 12-3 (CA NW 155)	03-21S-07E	43-015-15665	1055	FEDERAL	GW	S
FERRON MRC 16 (CA NW 155)	03-21S-07E	43-015-30182	8225	FEDERAL	GW	S
FERRON MRC 18	03-21S-07E	43-015-30186	8226	FEDERAL	GW	S
GOVERNMENT 1-4 (CA 14-08-0001-7771)	04-21S-07E	43-015-15666	1050	FEDERAL	GW	S

OPERATOR CHANGES DOCUMENTATION

Enter date after each listed item is completed

- (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 06/07/2002
- (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 06/07/2002
- The new company has been checked through the **Department of Commerce, Division of Corporations Database** on: 06/24/2002
- Is the new operator registered in the State of Utah: YES Business Number: 5104445-0143
- If **NO**, the operator was contacted on: N/A
- (R649-9-2) Waste Management Plan received on: IN PLACE
- Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change,

or operator change for all wells listed on Federal or Indian leases on: N/A

7. Federal and Indian Units:

The BLM or BIA has approved the successor of unit operator for wells listed on: N/A

8. Federal and Indian Communization Agreements ("CA"):

The BLM or BIA has approved the operator for all wells listed within a CA on: N/A

9. Underground Injection Control ("UIC")

The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: N/A

DATA ENTRY:

1. Changes entered in the **Oil and Gas Database** on: 06/25/2002
2. Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 06/25/2002
3. Bond information entered in RBDMS on: N/A
4. Fee wells attached to bond in RBDMS on: N/A

STATE WELL(S) BOND VERIFICATION:

1. State well(s) covered by Bond Number:

FEDERAL WELL(S) BOND VERIFICATION:

1. Federal well(s) covered by Bond Number: UT1264

INDIAN WELL(S) BOND VERIFICATION:

1. Indian well(s) covered by Bond Number: N/A

FEE WELL(S) BOND VERIFICATION:

1. (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond Number N/A
2. The **FORMER** operator has requested a release of liability from their bond on: N/A
The Division sent response by letter on: N/A

LEASE INTEREST OWNER NOTIFICATION:

3. (R649-2-10) The **FORMER** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: N/A

COMMENTS:

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <u>FERRON</u>		5. LEASE DESIGNATION AND SERIAL NUMBER: <u>08225-UTU-011246</u>
2. NAME OF OPERATOR: <u>Coastal Plains Energy, Inc.</u>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: <u>N/A</u>
3. ADDRESS OF OPERATOR: <u>420 Throckmorton, Ste 630</u> CITY <u>Fort Worth</u> STATE <u>TX</u> ZIP <u>76102-3723</u> PHONE NUMBER: <u>817 882-9055</u>		7. UNIT or CA AGREEMENT NAME: <u>N/A</u>
4. LOCATION OF WELL FOOTAGES AT SURFACE: <u>950' FWL, 660' FSL</u> QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: <u>SW/SW, Section 3, T21S, R7E</u>		8. WELL NAME and NUMBER: <u>MRC 16</u> 9. API NUMBER: <u>43-015-30182</u> 10. FIELD AND POOL, OR WILDCAT: <u>Ferron</u>
		COUNTY: <u>Emery</u> STATE: <u>UTAH</u>

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input checked="" type="checkbox"/> ACIDIZE <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> DEEPEN <input checked="" type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PLUG AND ABANDON <input checked="" type="checkbox"/> PLUG BACK <input type="checkbox"/> PRODUCTION (START/RESUME) <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	<input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> TEMPORARILY ABANDON <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> WATER SHUT-OFF <input type="checkbox"/> OTHER: _____
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____			

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Please be advised that Coastal Plains Energy, Inc. intends to plug back and recomplete the MRC No. 16 well. The current perforations, 978'-993', will be plugged with a cast iron bridge plug. The proposed perforations, 938'-958', will be acidized and flow tested. If needed, the new zone will be fracture stimulated.

RECEIVED

NOV 14 2002

DIVISION OF
OIL, GAS AND MINING

COPY SENT TO OPERATOR

Date: 11-18-02
Initials: CHD

NAME (PLEASE PRINT) Fred N. Reynolds TITLE Petroleum Engineer
SIGNATURE Fred N. Reynolds DATE 11/11/02

(This space for State use only)

Accepted by the
Utah Division of
Oil, Gas and Mining

Federal Approval Of This
Action Is Necessary

Date: 11/18/2002

By: [Signature] (See Instructions on Reverse Side)

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-011246
2. NAME OF OPERATOR: Coastal Plains Energy, Inc.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: N/A
3. ADDRESS OF OPERATOR: 420 Throckmorton, Ste 630, Ft Worth, TX 76102-3723		7. UNIT or CA AGREEMENT NAME: N/A
PHONE NUMBER: 817 882-9055		8. WELL NAME and NUMBER: Ferron MRC 16
4. LOCATION OF WELL FOOTAGES AT SURFACE: 950' FWL, 660' FSL		9. API NUMBER: 43-015-30182
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SW/SW, Section 3, T21S, R7E		10. FIELD AND POOL, OR WILDCAT: Ferron
STATE: UTAH		

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input checked="" type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input checked="" type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: 01/15/03	<input type="checkbox"/> CHANGE WELL NAME	<input checked="" type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: _____
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

12/18/02 Pulled tubing

12/20/02 Set CIBP @ 960'. Perforate Middle Ferron 938'-952'. Acidize w/500 gals 7½% acid.

01/14/03 Frac Middle Ferron 938'-952' w/18,340 gals 70 Q foam & 25,000 lbs 20/40 sand.
Perforate Upper Ferron 870'-890'. Frac Upper Ferron w/29,150 gals 70 Q foam & 46,980 lbs 20/40 sand.

01/15/03 Flow frac back & turn to sales line.

NAME (PLEASE PRINT) Fred N. Reynolds	TITLE Petroleum Engineer
SIGNATURE <i>Fred N. Reynolds</i>	DATE 04/15/03

(This space for State use only)

RECEIVED

APR 21 2003

DIV. OF OIL, GAS & MINING